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MARINE CORPS ORDER 3501.17

From: Commandant of the Marine Corps  
To: Distribution List

Subj: MARINE CORPS COMBAT READINESS EVALUATION SYSTEM (SHORT  
TITLE: MCCRES); VOLUME XIII, MARINE WING SUPPORT GROUP  
UNITS

Ref: (a) MCO 3501.1C

Encl: (1) Volume XIII - Mission Performance Standards (MPS's)  
for Marine Wing Support Group Units

1. Purpose. To promulgate Volume XIII of MCCRES for use in the training and evaluation of Marine Wing Support Group units per reference (a).

2. Information. The reference establishes MCCRES for implementation within the Marine Corps. The enclosure, supported by the policies and procedures set forth in the reference, provides the MPS's for use in evaluation of the combat readiness of Marine Wing Support Group units to perform combat operations.

3. Action. Commanders will:

a. Use the MPS's contained in the enclosure as guidelines for establishing training goals, training programs, and to prepare for formal readiness evaluations as directed by higher headquarters per the reference.

b. When appropriate, use the MPS's for informal evaluations, and/or as an inventory to determine a unit's current training status and areas for future progressive training programs.

c. Make every effort to conduct evaluations when the unit is participating in their appropriate role as part of a Marine Air Ground Task Force (MAGTF). This method will strengthen integration efforts and give a more complete evaluation of realistic combat readiness.

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4. Reserve Applicability. This Order is applicable to the Marine Corps Reserve.

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ENCLOSURE (1)

## INTRODUCTION:

1. The tasks and standards contained within this Volume are designed to facilitate the evaluation of those planning, preparation, and execution tasks which the MWSG/MWSS may be required to perform in a combat environment. The tasks and standards were derived from Marine Corps doctrine, tactics, techniques and procedures, other service methodologies, and field recommendations from the Fleet Marine Force. Aviation Ground Support (AGS) planners and personnel should become thoroughly familiar with FMFM 1, FMFM 1-1, FMFM 4, and FMFM 5-1.

2. It is recommended that commanders use MCCRES Mission Performance Standards (MPS's) to establish training objectives, and take every opportunity to informally evaluate their units against these standards. The system provides the commander with a tool to help assess and evaluate the combat readiness and training of his/her unit, to identify strengths and weaknesses, and to assign priorities for future training requirements. The standards apply to the MWSG/MWSS in support of the ACE, and evaluations must be conducted in the context of meeting ACE requirements, to determine whether or not these requirements were recognized, planned for, and provided. Employment of the standards by smaller AGS element's will be useful but need to be tailored.

3. MCCRES tasks for the MWSG/MWSS presuppose that resources are adequate to achieve minimum acceptable standards. It is acknowledged, however, that sufficient personnel and equipment are not always available. The standards are written so that those sections applicable to a particular operation or training exercise can be selected for evaluation. Naturally, the evaluation is limited if the unit's participation in an exercise does not allow them to attempt all the standards. Special exercises are not required to satisfy MCCRES evaluation requirements, but rather commanders may use any type of exercise to meet them. Results should be used as an aid in the formulation of the unit's future training programs. When other external factors contribute to limiting the unit's combat evaluation, it should be noted in the "comment" column of the evaluation sheet and recorded in the overall report.

ENCLOSURE (1)

SECTION 13A  
COMMAND AND CONTROL

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## INTRODUCTION:

This section contains four critical MPS's for the command and control of a MWSG and MWSS in providing aviation ground support (AGS) to components of a Marine Air Ground Task Force Aviation Combat Element. The MPS's in this section are:

13.1 MWSG PLANNING.

13.2 MWSS OPERATIONS.

13.3 ORGANIC SUPPLY and MAINTENANCE

13.4 EMBARKATION.

The tasks and standards contained in these MPS's were designed to cause MWSG and MWSS headquarters personnel to consider all aspects of AGS; i.e., the planning, preparation, and conduct of all functional areas of aviation ground support, and to ensure that integration and coordination of AGS plans and operations fully support overall MAGTF requirements.

The tactical scenario may be such that not all tasks are planned to be, or can be, evaluated during the exercise. The evaluator merely notes "not evaluated" on his evaluation sheet. Commanders should evaluate these areas during subsequent training opportunities.

ENCLOSURE (1)

13A.1 MWSG PLANNING

TASK: 13A.1.1 PLAN AVIATION GROUND SUPPORT (AGS)

CONDITION(S): The MWSG has received a warning order directing it to prepare plans for the deployment of more than one MWSS in support of combat operations. Hostile forces have direct and indirect fire weapons, fixed and rotary-wing aircraft, armor, EW capability, and other assets normally possessed by a modern foreign power. The ACE and MWSG have begun aviation ground support planning.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Analyzes the mission and available information to identify inherent ACE and aviation ground support requirements.
- .2 \_\_\_\_\_ Reviews the ACE G/S-2 intelligence estimate to gather all available intelligence on the enemy and information on the area.
- .3 \_\_\_\_\_ Establishes logistics coordination with ACE planners.
- .4 \_\_\_\_\_ Develops, in coordination with the ACE planners, a final AGS estimate of supportability comparing AGS related factors influencing each proposed ACE tactical course of action.
- .5 \_\_\_\_\_ Utilizes existing plans, SOP's, and lessons learned to develop a concept of logistics/aviation ground support. (KI)
- .6 \_\_\_\_\_ Develops consumption factors in coordination with the ACE planners.
- .7 \_\_\_\_\_ Computes detailed logistic requirements for each phase of the operation, based on types of support and quantities of supplies required.
- .8 \_\_\_\_\_ Recommends a priority of support by type and unit as required by the ACE commander.
- .9 \_\_\_\_\_ Identifies resource deficiencies in coordination with ACE planners and other service agencies, for host nation support agreements or interservice sources of AGS. (KI)

ENCLOSURE (1)

- .10 \_\_\_\_\_ Ensures planning includes identification of locations for reception, offload, clearance, and storage of supplies and equipment; and access to routes for distribution and evacuation in the theater of operations.
- .11 \_\_\_\_\_ Coordinates the planned use of Forward Operating Base (FOB) areas and facilities with ACE planners.
- .12 \_\_\_\_\_ Identifies AGS shortfalls, problems, and limitations for consideration by the ACE commander.
- .13 \_\_\_\_\_ Develops logistical plans to sustain required level of AGS operations.
- .14 \_\_\_\_\_ Coordinates with ACE planners and the MAGTF movement control center during the development of the MAGTF transportation plan.
- .15 \_\_\_\_\_ Reviews MWSG embarkation data to ensure combat loading has been achieved, as necessary.

EVALUATOR INSTRUCTIONS: The estimates can be either written or verbal, depending on the situation, and time available.

KEY INDICATORS:

#### CONCEPT OF LOGISTIC/AVIATION GROUND SUPPORT

The AGS Concept of Logistic/Aviation Ground Support includes:

1. Mission of the MWSG.
2. Tactical concept of operations by phase.
3. AGS requirements for each phase and location of the operation.

#### OUTSIDE SOURCES OF AGS

Particular concerns include facilities, supplies, and services.

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ENCLOSURE (1)

TASK: 13A.1.2 PLAN INTELLIGENCE

CONDITION(S): The MWSG has received a warning order directing it to prepare plans for the deployment of more than one MWSS in support of combat operations. Hostile forces have direct and indirect fire weapons, fixed and rotary-wing aircraft, armor, EW capability, and other assets normally possessed by a modern foreign power. The ACE and MWSG have begun aviation ground support planning.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Prepares a preliminary intelligence estimate upon receipt of the warning order.
- .2 \_\_\_\_\_ Conducts liaison with ACE G/S-2 to prepare a detailed intelligence estimate upon receipt of the commander's guidance.
- .3 \_\_\_\_\_ Makes early distribution of the intelligence estimate to allow other staff officers to prepare their estimates.
- .4 \_\_\_\_\_ Considers all organic collection assets available to the MAGTF to support the collection effort when requesting intelligence support.
- .5 \_\_\_\_\_ Determines, based on the assigned mission and guidance from the commander, AGS intelligence requirements, basic requirements, essential elements of information (EEI's), and other intelligence requirements (OIR's) of the MWSG.
- .6 \_\_\_\_\_ Submits a prioritized list of intelligence requirements to the ACE G/S-2.
- .7 \_\_\_\_\_ Coordinates with the ACE G/S-2 during development of the ACE collection plan to provides for the continuous collection of information throughout all phases of the operation, and reflects the status of the collection effort.
- .8 \_\_\_\_\_ Prepares an intelligence annex to the MWSG operations order that defines the manner in which intelligence operations will be conducted.

ENCLOSURE (1)

- .9 \_\_\_\_\_ Records intelligence information on a collection worksheet to monitor, study, and compare.
- .10 \_\_\_\_\_ Coordinates MWSG requirements for maps, charts, photographs, and other graphic intelligence aids.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

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### 13A.2 MWSS OPERATIONS

#### TASK: 13A.2.1 PLAN AVIATION GROUND SUPPORT (AGS)

CONDITION(S): The MWSS has received a warning order directing it to prepare plans for deployment in support of combat operations. Hostile forces have direct and indirect fire weapons, fixed and rotary-wing aircraft, armor, EW capability, and other assets normally possessed by a modern foreign power. The MWSS has begun aviation ground support planning.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Analyzes the mission and available information to identify AGS requirements.
- .2 \_\_\_\_\_ Review past operations, exercises and after action reports to eliminate shortcomings and reduce redundancy.
- .3 \_\_\_\_\_ Reviews the ACE G/S-2 intelligence estimate to gather all available intelligence on the enemy and information on the operating area.
- .4 \_\_\_\_\_ Establishes and maintains coordination with MWSG/ACE planners involved with planning AGS operations.
- .5 \_\_\_\_\_ Coordinates with the MWSG/ACE to identify AGS requirements and develops a task organization to support those requirements.

ENCLOSURE (1)

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- .6 \_\_\_\_\_ Performs a site survey and/or evaluates intelligence reports to identify ACE requirements which can be supported on location.
- .7 \_\_\_\_\_ Plans for establishment of a primary and alternate MWSS COC.
- .8 \_\_\_\_\_ Develops support priorities based on guidance provided by the MWSG/ACE commanders.
- .9 \_\_\_\_\_ Submits requirements for external support to ACE G-4.
- .10 \_\_\_\_\_ Coordinates the planned use of FOB areas and facilities with ACE planners.
- .11 \_\_\_\_\_ Recommends the priority of phasing for AGS units.
- .12 \_\_\_\_\_ Determines health services requirements as a function of AGS.
- .13 \_\_\_\_\_ Identifies and informs the ACE commander of all AGS requirements which exceed the organic capabilities of the MWSS.
- .14 \_\_\_\_\_ Establishes liaison with CSSE.
- .15 \_\_\_\_\_ Drafts and publishes the MWSS Operations Order.

EVALUATOR INSTRUCTIONS: The estimates can be either written or verbal, depending on the situation, and time available. Formal tasking of organic elements should be contained in the MWSS operation order.

KEY INDICATORS: None

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Next Task:

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6A.1.2

ENCLOSURE (1)

## TASK: 13A.2.2 OPERATE COMBAT OPERATIONS CENTER (COC)

CONDITION(S): The MAGTF is conducting tactical operations against a hostile foreign power. The hostile forces have direct and indirect fire weapons, fixed and rotary-wing aircraft, armor, EW capability, and other assets normally possessed by a modern foreign power. The MWSS has begun providing aviation ground support to the ACE.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_ Establishes and operates COC in accordance with an SOP.
- .2 \_\_\_\_ Staffs the COC.
- .3 \_\_\_\_ Establishes COC at each FOB.
- .4 \_\_\_\_ Monitors AGS operations on a 24 hour basis.
- .5 \_\_\_\_ Demonstrates the ability to handle AGS functions, both routine and emergency, in a timely and responsive manner.
- .6 \_\_\_\_ Tracks requests from all supported components of the ACE, ensuring proper action.
- .7 \_\_\_\_ Coordinates with ACE planners and documents AGS requirements within the FOB.
- .8 \_\_\_\_ Prioritizes requirements with ACE planners for critical supplies, services, and equipment.
- .9 \_\_\_\_ Validates, on a daily basis, planned support requests.
- .10 \_\_\_\_ Maintains current asset status information.
- .11 \_\_\_\_ Requests maintenance support teams (MST), as required.
- .12 \_\_\_\_ Schedules and coordinates the movement of supplies, personnel, and equipment.
- .13 \_\_\_\_ Reviews, revises, and updates AGS plans to support future operations.
- .14 \_\_\_\_ Maintains updated situation map of friendly/enemy/civilian dispositions in the AOR.

ENCLOSURE (1)

- .15 \_\_\_\_\_ Maps objects in area of responsibility requiring special protection, including demilitarized zones, enemy POW's and places of worship.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

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**TASK: 13A.2.3 PLAN FOB DEFENSE**

CONDITION(S): The MAGTF is ashore and is conducting security assistance/military presence operations. There exists a potential threat from aircraft, airborne assault, armor, unconventional warfare, and terrorist attacks. The civilian population, while largely pro U.S., has been sympathetic to some of the enemy propaganda. The ACE has established itself around an FOB. The MWSS commander has been assigned the responsibility for planning and executing FOB defense. The MWSS has begun FOB defense planning.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Identifies units and elements aboard the FOB.
- .2 \_\_\_\_\_ Determines the numbers of personnel, equipment and supplies involved.
- .3 \_\_\_\_\_ Requests updates on friendly and enemy situation intelligence.
- .4 \_\_\_\_\_ Requests information on the status and location of the civilian population in the vicinity of the FOB.
- .5 \_\_\_\_\_ Arranges for a reconnaissance of the area, situation permitting.
- .6 \_\_\_\_\_ Reviews MAGTF rules of engagement to ensure familiarity and to gauge their effects on FOB defense.
- .7 \_\_\_\_\_ Plans communications for defensive operations; emphasizing wire and messenger methods of communication and plans for placement of remote antennas.

ENCLOSURE (1)

- .8 \_\_\_\_\_ Identifies the types and numbers of organic weapons available, and incorporates them into a defensive concept of employment.
- .9 \_\_\_\_\_ Verifies the location of all units and facilities within the FOB and identifies defensive requirements.
- .10 \_\_\_\_\_ Conducts a terrain analysis based on KOCOA when identifying defensive requirements.
- .11 \_\_\_\_\_ Plans for establishment and location of Airfield Defense Operation Center (ADOC) location aboard the FOB.
- .12 \_\_\_\_\_ Appoints a Tactical Security Officer (TSO).
- .13 \_\_\_\_\_ Ensures active and passive defense measures including dispersal, camouflage and concealment, hardened positions, and barriers are integrated into the FOB defense plan.
- .14 \_\_\_\_\_ Considers the use of deceptive measures such as dummy positions, concealed cargo, and disinformation.
- .15 \_\_\_\_\_ Ensures planned positions are mutually supporting, if possible, and have planned for adequate fire support.
- .16 \_\_\_\_\_ Plans local security measures which provide for early warning of enemy activity; i.e., listening posts, observation posts, and security patrols supported by indirect fire (if available).
- .17 \_\_\_\_\_ Integrates FOB defense with the Rear Area Operations Center (RAOC).
- .18 \_\_\_\_\_ Requests anti-armor, artillery/indirect fire weapons, and air defense assets/support from the RAOC, as required, to cover avenues of approach that remain uncovered.
- .19 \_\_\_\_\_ Maintains a dedicated tenant unit security reaction force, and procedures to train, alert, and employ them, to include use of supporting arms.
- .20 \_\_\_\_\_ Submits a list of targets to appropriate fire support coordination agencies.

ENCLOSURE (1)

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- .21 \_\_\_\_\_ Plans for the maximum use of available surveillance and remote sensor systems in defense of the FOB.
- .22 \_\_\_\_\_ Ensures Ops SOP adequately covers defensive planning and control procedures.
- .23 \_\_\_\_\_ Develops contingency plans to react to emergencies involving the security of isolated units or key facilities/installations aboard the FOB.
- .24 \_\_\_\_\_ Ensures preplanned fires cover avenues of approach and dead spaces not covered by crew served weapons.
- .25 \_\_\_\_\_ Ensures FOB defense plan with overlays is forwarded via the ACE to the RAOC.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

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**TASK: 13A.2.4 CONDUCT AIRFIELD DEFENSE OPERATION CENTER OPERATIONS (ADOC)**

CONDITION(S): The MAGTF is ashore and is conducting security assistance/military presence operations. There exists a threat from aircraft, airborne assault, armor, unconventional warfare, and terrorist attacks. The civilian population, while largely pro U.S., has been sympathetic to some of the enemy propaganda. Components of the ACE will establish ashore. The MWSS commander has been delegated the authority for the planning and execution of FOB defense. The MWSS has begun ADOC operations in support of FOB defense.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Establishes site security (listening posts, observation posts, and patrols).
- .2 \_\_\_\_\_ Ensures proper placement of crew served weapons. (KI)

ENCLOSURE (1)

- .3 \_\_\_\_\_ Establishes local security based on the anticipated threat; i.e., listening/observation posts, security and ambush patrols to prevent surprise attack and infiltration.
- .4 \_\_\_\_\_ Considers active and passive OPSEC measures to counter the threat.
- .5 \_\_\_\_\_ Designates unit defensive positions that allow for mutual support in defense of the FOB, emphasizing coordinated surveillance, exchange of information, coordinated fires, and final protective fires.
- .6 \_\_\_\_\_ Selects and prepares primary and supplementary defensive positions.
- .7 \_\_\_\_\_ Plans defense in-depth through the use of supplementary positions and alternate positions for crew served weapons, and preplanned fires into threatened areas.
- .8 \_\_\_\_\_ Employs a series of natural and man made obstacles to restrict, delay, block, or stop the movement of enemy forces.
- .9 \_\_\_\_\_ Maintains dispersion and employs use of camouflage of elements and individuals to avoid presenting the enemy with an easy targeting opportunity.
- .10 \_\_\_\_\_ Makes maximum use of available surveillance and tactical remote sensor devices to detect enemy movement.
- .11 \_\_\_\_\_ Ensures signals are utilized to alert units within the FOB of an increase in the enemy threat condition.
- .12 \_\_\_\_\_ Conducts day and night rehearsals of the reaction force.
- .13 \_\_\_\_\_ Ensures wire communications are established where and when possible.
- .14 \_\_\_\_\_ Disseminates the most current security information acquired by FOB security elements throughout the FOB and, as required, to higher headquarters.
- .15 \_\_\_\_\_ Prepares all required reports and records for employment of mines and demolitions (when authorized) in defense of the FOB.

ENCLOSURE (1)

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EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

#### PLACEMENT OF CREW SERVED WEAPONS

Placement of crew served weapons should take all of the following into account:

1. Assigned sector of fire and FPL.
  2. Covered and concealed position.
  3. Cover most likely dismounted enemy avenue of approach.
  4. When possible, positioned to fire FPL.
  5. Allows maximum use of flanking, interlocking, and grazing fire and minimum dead space.
  6. Alternate and supplementary positions and routes selected, prepared, and rehearsed during day and night.
  7. Lateral movement (traverse) limiter stakes employed to reduce the possibilities of friendly casualties.
  8. Proper range card prepared for each crew served weapon that includes position, PDF or FPL, sector, limits, magnetic azimuth of weapon and 6 digit coordinates of areas of grazing fires, dead space, and specific targets. Data recorded must include a list of specific targets and descriptions, target number and direction in mils will be prepared in duplicate giving gun number unit description, and date.
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ENCLOSURE (1)

## TASK: 13A.2.5 PLAN RAPID RUNWAY REPAIR (RRR) OPERATIONS

CONDITION(S): In the designated theater of operations, hostile forces are known to possess the capabilities to disrupt airfield operations through the use of hostile aircraft, missiles, or sabotage. Based upon this threat, the MWSS must develop and organize plans for Rapid Runway Repair (RRR) at the FOB.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Performs vulnerability analysis on airfield to be repaired.
- .2 \_\_\_\_\_ Acquires intelligence on enemy capabilities, posture, and current activity from S/G-2.
- .3 \_\_\_\_\_ Determines friendly engineer capabilities (joint/combined military and civilian).
- .4 \_\_\_\_\_ Determines characteristics of expected damage based on identified/known enemy capabilities.
- .5 \_\_\_\_\_ Establishes likely damage categories and characterizes each.
- .6 \_\_\_\_\_ Quantifies expected damage and develop an estimate of the material, equipment, and personnel required for repairs.
- .7 \_\_\_\_\_ Determines methods of repair for each category of damage.
- .8 \_\_\_\_\_ Task organizes for multiple crater repair. (KI)
- .9 \_\_\_\_\_ Determines training requirements for repair and bomb damage assessment teams.
- .10 \_\_\_\_\_ Determines special considerations for operating in an NBC environment.
- .11 \_\_\_\_\_ Determines minimum operating strips (MOS) for specific aircraft likely to be launched/recovered at airfield based upon such factors as weather, tactical posture, etc.

ENCLOSURE (1)

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- .12 \_\_\_\_\_ Coordinates with the ACE commander and planners to discuss/determine essential characteristics and mission requirements of aircraft expected to use the airfield.
- .13 \_\_\_\_\_ Determines procedures for locating, identifying, and clearing unexploded ordnance following an airfield attack.
- .14 \_\_\_\_\_ Hardens construction equipment for use in runway repair(s) .
- .15 \_\_\_\_\_ Coordinates communication assets. (KI)
- .16 \_\_\_\_\_ Establishes unit RRR SOP.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

#### CONCEPT OF MULTIPLE CRATER REPAIR TASK ORGANIZATION

The multiple crater task organization teams are task organized and should include at a minimum, the following:

1. Damage Repair Control Team
2. Damage Assessment Team
3. Crater Repair Team
4. Spall Repair Team
5. Debris Clearing Team

#### COMMUNICATION REQUIREMENTS

During RRR radio is the principle means of communication to control the repair work. Communications of damage reports (i.e. estimated crater types/sizes) should be accomplished by utilizing established brevity codes. During RRR operations, typical communication nets include:

1. Air Base Emergency Net

ENCLOSURE (1)

2. Airfield Repair Control Net
3. Damage Repair Team Net

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**TASK: 13A.2.6 CONDUCT RAPID RUNWAY REPAIR OPERATIONS**

CONDITION(S): The ACE FOB has suffered runway damage from enemy fire. The MWSS has been tasked with conducting Rapid Runway Repair to create Minimum Operating Strip(s) for the supported aircraft.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Ensures that repair organization personnel are properly equipped and possess all needed materials.
- .2 \_\_\_\_\_ Establishes the Disaster Control Center/alternate COC.
- .3 \_\_\_\_\_ Activates the Damage Repair Control Team.
- .4 \_\_\_\_\_ Establishes communications with damage control teams and ACE headquarters.
- .5 \_\_\_\_\_ Alerts supporting organizations.
- .6 \_\_\_\_\_ Conducts damage survey utilizing the damage assessment teams.
- .7 \_\_\_\_\_ Estimates crater types/sizes and other damage and reports to the Damage Control Center for relay to ACE headquarters.
- .8 \_\_\_\_\_ Plots reported damage on a large scale grid map. (KI)
- .9 \_\_\_\_\_ Prepares an estimate of removal times for unexploded ordnance.
- .10 \_\_\_\_\_ Prepares an estimate of repair time required to re-establish FOB to Minimum Operating Strip level specified by ACE headquarters.

ENCLOSURE (1)

- .11 \_\_\_\_\_ Determine minimum operating strip size and location utilizing previously drawn MOS templates and plotted damage.
- .12 \_\_\_\_\_ Establish repair priorities in conjunction with ACE headquarters. Coordinate unexploded ordnance removal with repair actions.
- .13 \_\_\_\_\_ Clears preselected access routes from material stockpiles to repair areas. (KI)
- .14 \_\_\_\_\_ Assembles materials simultaneously with crater repair as per the crater repair task organization.
- .15 \_\_\_\_\_ Remove unexploded ordnance (UXO).
- .16 \_\_\_\_\_ Clears debris.
- .17 \_\_\_\_\_ Repairs spalls and craters simultaneously per the unit RRR SOP.
- .18 \_\_\_\_\_ Monitors and controls repair work from the Disaster Control Center by means of on-site contact and radio communication.
- .19 \_\_\_\_\_ Establishes radio communications by linking various repair element control nets.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

#### PLOTTING REPORTED DAMAGE

Reports of damage from damage assessment teams should be plotted on a large scale map at the Damage Control Center/COC. The three types of damage normally plotted on these maps are UXO, spalls and craters.

#### REPAIR MATERIALS

The crater repair materials utilized for RRR will differ from case to case depending on the materials available (organic, joint service, host nation).

ENCLOSURE (1)

Possible materials include:

1. Crushed Rock
  2. Sand and Plastic Sand Grids
  3. Fiberglass-Reinforced Plastic Panels (FRP)
  4. Magnesium Phosphate Cement
  5. Cold-Mix Asphalt
  6. Fiberglass Mats
  7. AM-2 Mats
- 

**TASK: 13A.2.7 OPERATE UNIT MOVEMENT CONTROL CENTER (UMCC)**

**CONDITION(S):** The MWSS has established a tasked organized Unit Movement Control Center (UMCC) to plan, coordinate, manage and execute movements. The unit uses MAGTF II LOG AIS Systems.

**STANDARDS: EVAL: Y; N; NE**

- .1 \_\_\_\_ Reports transportation and MHE shortfalls/excesses to the ACE UMCC.
- .2 \_\_\_\_ Writes movement control plan.
- .3 \_\_\_\_ Requests transportation and MHE support required for marshalling and staging from the ACE UMCC.
- .4 \_\_\_\_ Executes movement control plan.

**EVALUATOR INSTRUCTIONS:** Production and efficient use of MDSS II and TCAIMS reports is expected.

ENCLOSURE (1)

KEY INDICATORS: None.

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13A.3 ORGANIC SUPPLY/MAINTENANCE

TASK: 13A.3.1 MAINTAIN ORGANIC EQUIPMENT

CONDITION(S): An organic maintenance capability exists at the MWSS for T/E equipment.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Ensures the location of the unit's field maintenance facilities and personnel will support the unit's employment.
- .2 \_\_\_\_\_ Ensures all maintenance facilities provide the complete capability to support the operation in the unit mission statement.
- .3 \_\_\_\_\_ Ensures capability to repair all authorized organic equipment.
- .4 \_\_\_\_\_ Establishes liaisons for supply support and equipment evacuation, as appropriate.
- .5 \_\_\_\_\_ Identifies to the supporting maintenance unit any nonorganic repair or calibration services required to support MWSS equipment.
- .6 \_\_\_\_\_ Calculates preexpended bin items and quantities based upon rates of consumption, and expected resupply rates to support operational requirements.
- .7 \_\_\_\_\_ Ensures adequate critical low density parts are available within deployment supply block.
- .8 \_\_\_\_\_ Identifies required special test and support equipment.
- .9 \_\_\_\_\_ Ensures current status of equipment is readily available.

ENCLOSURE (1)

- .10 \_\_\_\_\_ Ensures maintenance personnel correct all equipment deficiencies within their capabilities per established maintenance procedures.
- .11 \_\_\_\_\_ Ensures unit maintenance personnel are thoroughly familiar with unit SOP to evacuate equipment to higher echelon maintenance facilities, when required.
- .12 \_\_\_\_\_ Requests intermediate maintenance contact support, when required.
- .13 \_\_\_\_\_ Complies with equipment evacuation procedures, as directed.
- .14 \_\_\_\_\_ Maintains equipment maintenance records and reports at the appropriate level per unit SOP.

EVALUATOR INSTRUCTIONS: Evaluate unit's compliance with authorized echelons of maintenance as established by unit's T/O and Maintenance Management SOP.

Coordinate evaluations of maintenance facilities through the Maintenance Management Officer.

KEY INDICATORS: None.

---

**TASK: 13A.3.2 CONDUCT ORGANIC SUPPLY SUPPORT**

CONDITION(S): The MWSS has been deployed in support of operations. Essential to mission accomplishment is the ability to maintain adequate internal stock levels for all classes of supply.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Ensures adequate initial supply support (all classes) to accomplish the mission in accordance with the MAGTF and ACE operation order(s).
- .2 \_\_\_\_\_ Follows established resupply procedures/priorities in accordance with the MAGTF and ACE operation order(s).

ENCLOSURE (1)

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- .3 \_\_\_\_\_ Follows established procedures for obtaining additional spare parts and depot items of required equipment in accordance with the MAGTF and ACE operation order(s).
- .4 \_\_\_\_\_ Monitors supply status.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

---

### 13A.4 EMBARKATION

#### TASK: 13A.4.1 PLAN FOR EMBARKATION

CONDITION(S): The ACE has received a warning order alerting it to prepare for the conduct of combat operations. It will deploy via strategic shipping and airlift. The ACE has subsequently alerted its subordinate units to plan and prepare for embarkation. The MWSS has a working MDSS II data base and has begun embarkation planning. Staff estimates have been submitted, a concept of ops decided upon and a notional task organization has been received.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Requires MDSS II update from subordinate units.
- .2 \_\_\_\_\_ Prepares lift requirements.
- .3 \_\_\_\_\_ Prepares detailed ship loading plans manually or via CAEMS, as directed.
- .4 \_\_\_\_\_ Prepares detailed aircraft loading plans manually or via CALMS, as directed.
- .5 \_\_\_\_\_ Develops sealift embarkation plan.
- .6 \_\_\_\_\_ Develops air movement plan.
- .7 \_\_\_\_\_ Prepares organic supplies and equipment for embarkation via sealift and airlift. (KI)

ENCLOSURE (1)

- .8 \_\_\_\_\_ Forwards to P3 section and/or prepares hazardous material for transportation in accordance with applicable modal regulations.
- .9 \_\_\_\_\_ Inspects supplies and equipment prepared for embarkation.
- .10 \_\_\_\_\_ Requests MHE support in the assembly area and POE's.
- .11 \_\_\_\_\_ Requests ground transportation support from the assembly area to the POE's.
- .12 \_\_\_\_\_ Requests communications, contact maintenance, traffic control, security, messing, utilities, or other services, as required, to conduct embarkation operations.
- .13 \_\_\_\_\_ Prepares embarkation training plans.
- .14 \_\_\_\_\_ Prepares accurate and complete embarkation manifests for organic cargo and equipment.
- .15 \_\_\_\_\_ Prepares accurate and complete embarkation manifests for personnel.

EVALUATOR INSTRUCTIONS: The above standards are general guidelines. The conduct of planning and preparing for embarkation should comply with local SOP's and directives.

KEY INDICATORS:

PREPARATION OF SUPPLIES AND EQUIPMENT FOR EMBARKATION

1. Preparation of Supplies.
  - a. Maintain uniformity in crate, box, and other container pallet sizes.
  - b. Pallet/lift configuration should also lend itself to over-storage through the use of dunnage, if required.
  - c. Pack different types of supplies separately. Only related items are packed in the same box.

ENCLOSURE (1)

- d. Pad and strengthen containers containing fragile items.
  - e. Waterproof boxes or crates containing items subject to moisture deterioration.
  - f. Apply corrosion prevention materials or other appropriate preservatives to items requiring such protection.
  - g. Use tactical markings to indicate to whom Class II and IX supplies belong.
  - h. Use content markings to indicate UP&TT line number and the consecutive number assigned the specific box or container.
  - i. Use stowage designation markings.
2. Preparation of Equipment/Vehicles.
- a. Vehicles and equipment should be prepared without diminishing their combat capability.
  - b. All vehicles and equipment will be properly marked.
  - c. Vehicles will be inspected to ensure the satisfactory condition of all required on-vehicle equipment, spare tools, and lifting equipment.
  - d. Fuel, lubricating, cooling, and ignition systems will be checked and tire pressure will be inflated to the specified loading pressure.
  - e. Remove vehicle bows and stow in cargo bed. Spread canvas covers over cargo.
  - f. Ensure vehicle height reductions are accomplished, as required.
  - g. Ensure equipment is properly weighed and the center of balance properly computed for all equipment over 10 feet long. Ensure these actual dimensional characteristics and weights are reflected in the units Tactical Phased Force Deployment System.

- h. Cargo loaded within the vehicle must not exceed the height of the side racks, be properly secured, and the combined weight of the vehicle and the cargo must not exceed the specified weight limit.
  - i. Vehicles assigned to an amphibious assault should be equipped with fording equipment, as required.
  - j. Vehicle windshields will be crated and lowered, as required.
  - k. Fuel tanks will be filled or emptied according to regulations governing embarkation of rolling stock aboard ship and aircraft.
  - l. Placards with the words "FUEL IN TANK/FUEL TANK EMPTY" will be positioned in the vehicle right front window IAW MCO P4030.19.
- 

**TASK: 13A.4.2 CONDUCT EMBARKATION OPERATIONS**

CONDITION(S): The ACE has received a warning order alerting it to prepare for the conduct of combat operations. It will deploy via strategic shipping and airlift. The ACE has subsequently alerted its subordinate units to plan and prepare for embarkation. The MWSS has completed its planning and preparation and is conducting embarkation operations.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_ Executes embarkation training plans.
- .2 \_\_\_\_ Executes embarkation plans.
- .3 \_\_\_\_ Coordinates MHE/ground transportation requirements.
- .4 \_\_\_\_ Coordinates with appropriate movement control agencies.
- .5 \_\_\_\_ Stage equipment at POE.
- .6 \_\_\_\_ Maintains familiarity and ensures compliance with local laws, regulations, and restrictions that may be imposed.

ENCLOSURE (1)

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- .7 \_\_\_\_\_ Coordinates the release and movement of organic vehicle convoys from the unit area to the POE.

EVALUATOR INSTRUCTIONS: The above standards are general guidelines. The conduct of embarkation should comply with local SOP's and directives from higher headquarters.

KEY INDICATORS: None.

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ENCLOSURE (1)

SECTION 13B  
AVIATION GROUND SUPPORT

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ENCLOSURE (1)

## AVIATION GROUND SUPPORT

## INTRODUCTION:

This section contains eleven critical MPS's for the MWSS in providing AGS to elements of an ACE. The MPS's in this section are:

- 13B.1 INTERNAL AIRFIELD COMMUNICATIONS
- 13B.2 WEATHER SERVICES
- 13B.3 EXPEDITIONARY AIRFIELD SERVICES
- 13B.4 AIRCRAFT RESCUE AND FIREFIGHTING SERVICES
- 13B.5 FUEL SERVICES
- 13B.6 EXPLOSIVE ORDNANCE DISPOSAL SERVICES
- 13B.7 ENGINEER SERVICES
- 13B.8 MOTOR TRANSPORTATION SERVICES
- 13B.9 MESSING SERVICES
- 13B.10 MEDICAL SERVICES
- 13B.11 SECURITY SUPPORT

The tasks and standards contained in these MPS's were designed to cause MWSS personnel to consider all aspects of AGS; i.e., the planning, preparation, and conduct of all functional areas of aviation ground support, and to ensure that integration and coordination of AGS plans and operations fully support overall MAGTF requirements.

The tactical scenario may be such that not all tasks are planned to be, or can be, evaluated during the exercise. The evaluator merely notes "not evaluated" on his evaluation sheet. Commanders should evaluate these areas during subsequent training opportunities.

ENCLOSURE (1)

13B.1 INTERNAL AIRFIELD COMMUNICATIONS

TASK: 13B.1.1 PLAN COMMUNICATIONS

CONDITION(S): The MWSS has received a warning order directing it to prepare plans for deployment in support of combat operations. Hostile forces have direct and indirect fire weapons capabilities, fixed and rotary-wing aircraft, armor, EW capability, and other assets normally possessed by a hostile foreign power. The ACE will establish a FOB ashore and the MWSS has been directed to establish a small airfield that requires internal airfield communication support. The MWSS has begun internal airfield communications planning.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Determines organic communications support required for MWSS operations.
- .2 \_\_\_\_\_ Determines communication support outside capabilities of organic assets.
- .3 \_\_\_\_\_ Prepares unit communication plan.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

---

TASK: 13B.1.2 CONDUCT COMMUNICATIONS

CONDITION(S): The ACE has established an FOB ashore and is in the process of conducting operations. The MWSS has begun conducting air ground support operations.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Operates single channel radio (SCR) nets.
- .2 \_\_\_\_\_ Operates wire system/TASS.
- .3 \_\_\_\_\_ Operates multichannel radio nets, as applicable.
- .4 \_\_\_\_\_ Conducts communications security. (KI)

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

#### COMMUNICATIONS SECURITY

Because of the less mobile nature of MWSS communications and operations centers, and the tactical probability that the enemy forces will try to locate and destroy the airfield potentially through the location of command assets, MWSS, the exercise of net discipline can be critical. The following practices should always be observed if possible.

1. Determining that each transmitter and receiver is tuned to the exact assigned frequency.
2. Expediting flow of message traffic on the net, especially with regard to brevity, key words, and prioritizing and batching messages.
3. Maintaining circuit discipline.
4. Comply with BEADWINDOW and GINGERBREAD procedures.
5. Limit transmission to the minimum essential for mission accomplishment.
6. Imposing and lifting radio silence.
7. Transmitting on lowest power necessary to maintain communication.
8. Making maximum use of directional antennas to reduce electromagnetic signature.

ENCLOSURE (1)

9. Using terrain to mask antennas when feasible.

---

**TASK: 13B.1.3 PERFORM UNIT MISSION WITHOUT RADIO COMMUNICATION**

CONDITION(S): The ACE is conducting operations ashore. The MWSS is performing the mission under emergency communication conditions for a period of 2-4 hours.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Issues mission-type orders that allow units to perform the mission despite the lack of radio communications.
- .2 \_\_\_\_\_ Continues to perform assigned mission.
- .3 \_\_\_\_\_ Increases reliance on wire and messengers until nets are restored.
- .4 \_\_\_\_\_ Experiences no mission performance degradation.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

---

**13B.2 WEATHER SERVICES**

**TASK: 13B.2.1 PLAN METEOROLOGICAL SUPPORT**

CONDITION(S): The ACE requires meteorological support. Host nation weather services are not available. The MWSS has begun meteorological support planning.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Identifies meteorological support requirements based on assigned mission.
- .2 \_\_\_\_\_ Determines personnel and equipment required to support the mission.
- .3 \_\_\_\_\_ Requests communications support (i.e. frequencies, satellite channels).
- .4 \_\_\_\_\_ Ensures all special requirements are met (i.e. classified materials and equipment, hazardous materials and equipment requirements).
- .5 \_\_\_\_\_ Establishes liaison with CJTF Joint METOC Officer (JMO).

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

---

**TASK: 13B.2.2 PROVIDE METEOROLOGICAL SUPPORT**

CONDITION(S): The ACE requires meteorological support. Host nation weather services are not available. The MWSS is conducting air ground support operations.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Operates meteorological and communications equipment.
- .2 \_\_\_\_\_ Transmits and receives encoded teletype data over covered HF radio.
- .3 \_\_\_\_\_ Conducts pilot to metro communication over covered UHF radio.
- .4 \_\_\_\_\_ Takes, records, and processes surface weather observations.
- .5 \_\_\_\_\_ Formulates and disseminates weather forecasts.

ENCLOSURE (1)

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- .6 \_\_\_\_\_ Receives, processes and posts radio facsimile data.
- .7 \_\_\_\_\_ Receives, processes, and posts teletype data.
- .8 \_\_\_\_\_ Plots and analyzes surface and upper air weather charts and skew-t, log-p diagrams.
- .9 \_\_\_\_\_ Disseminates weather information.
- .10 \_\_\_\_\_ Conducts pilot, squadron, and command weather briefs.
- .11 \_\_\_\_\_ Provides specialized forecasts tailored to mission requirements utilizing the mobile oceanographic support system (MOSS).
- .12 \_\_\_\_\_ Receives and interprets real-time satellite pictures.
- .13 \_\_\_\_\_ Issues weather warnings.
- .14 \_\_\_\_\_ Locates and tracks storm cells significant to the airfield and aircraft in the vicinity by use of the weather radar (if assets available).
- .15 \_\_\_\_\_ Obtains upper air data by use of the mini-radiosonde system (MRS).

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

---

TASK: 13B.2.3 MAINTAIN METEOROLOGICAL MOBILE FACILITY (METMF)

CONDITION(S): The ACE requires meteorological support. Limited host nation weather services are not available. Sustained operations of 6 months duration are expected.

ENCLOSURE (1)

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Maintains all METMF equipment.
- .2 \_\_\_\_\_ Maintains liaison with supporting MALS for calibration of test equipment, supply support (AVCAL/COSAL), and higher echelon maintenance of generators and environmental conditioning units (ECU's).
- .3 \_\_\_\_\_ Maintains corrosion control of the van shells and mobilizers.
- .4 \_\_\_\_\_ Maintains maintenance records and equipment sub-custody records for all accountable equipment.
- .5 \_\_\_\_\_ Prepares and disseminates correspondence for casualty reporting of equipment outages.
- .6 \_\_\_\_\_ Maintains a 30-day consumable supply for sustained operations.
- .7 \_\_\_\_\_ Maintains a technical publications library for the METMF.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

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### 13B.3 EXPEDITIONARY AIRFIELD SERVICES

#### TASK: 13B.3.1 PLAN EXPEDITIONARY AIRFIELD SUPPORT (EAF)

CONDITION(S): The ACE has been assigned to an FOB that requires EAF support to bring its capability up to military standards. The FOB will support a minimum of 10 fixed-wing/rotary-wing (fighter/attack) type aircraft. Aircraft operating from the forward operating base (FOB) will be conducting day/night and all

ENCLOSURE (1)

weather operations. The anticipated time of usage is 6 months. The MWSS has begun EAF services support planning.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Acknowledges receipt of the task and receives the commander's guidance.
- .2 \_\_\_\_\_ Calculates minimum airfield geometric requirements, runway, taxiway, and parking areas required.
- .3 \_\_\_\_\_ Calculates airfield lighting requirements for runways, taxiways, and parking areas.
- .4 \_\_\_\_\_ Conducts coordination with the ACE to ensure airfield design complies with established requirements.
- .5 \_\_\_\_\_ Calculates the correct number/type of EAF packages required (AM-2 matting, accessory packages, lighting, arresting gear, VLA, etc.).
- .6 \_\_\_\_\_ Conducts a site survey. Determines best direction to orient runways considering prevailing winds.
- .7 \_\_\_\_\_ Coordinates required engineer support to perform soil analysis and determine if the weight bearing capability of the soil is sufficient for the aircraft that will operate from the FOB.
- .8 \_\_\_\_\_ Ensures proper supplies and equipment are available to construct the airfield.
- .9 \_\_\_\_\_ Coordinates operating crews to operate, checkout and maintain FLOLS, arresting equipment, matting and AF lighting.
- .10 \_\_\_\_\_ Obtains approved frequencies to be utilized within the FOB.
- .11 \_\_\_\_\_ Coordinates engineer support for installation of AM-2 matting and accessories.
- .12 \_\_\_\_\_ Supervises mat laying.
- .13 \_\_\_\_\_ Installs airfield lighting equipment including FLOLS.
- .14 \_\_\_\_\_ Install M-21 arresting gear.

ENCLOSURE (1)

.15 \_\_\_\_\_ Marks airfield as required.

.16 \_\_\_\_\_ Certifies airfield.

EVALUATOR INSTRUCTIONS: Evaluator must be familiar with all TM's and NATOPS/NAWC certification manuals provided by the unit.

KEY INDICATORS: None.

---

**TASK: 13B.3.2 ESTABLISH A COMMUNICATION NETWORK**

CONDITION(S): The ACE has been assigned to an FOB that requires EAF support to bring its capability up to military standards. The FOB will support 10 fixed-wing/rotary-wing (fighter/attack) type aircraft. Aircraft operating from the forward operating base (FOB) will be conducting day/night and all weather operations. The anticipated time of usage is 6 months.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Ensures EAF recovery communications package is fully mission capable.
- .2 \_\_\_\_\_ Coordinates with Airfield Operations and MATCS to establish frequencies to be utilized between ground personnel and Air Traffic Control (ATC).
- .3 \_\_\_\_\_ Ensures all personnel understand and exercise radio discipline.
- .4 \_\_\_\_\_ Establishes and publishes call signs for applicable sections.
- .5 \_\_\_\_\_ Performs operations checks of equipment procedure at the beginning of a shift.
- .6 \_\_\_\_\_ Establishes a backup communication system.

ENCLOSURE (1)

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EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

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**TASK: 13B.3.3 CONDUCT EAF SERVICES SUPPORT**

CONDITION(S): The ACE has been assigned to an FOB that requires EAF support to bring its capability up to military standards. The FOB supports 10 fixed-wing/rotary-wing (fighter/attack) type aircraft. Aircraft operating from the forward operating base (FOB) are conducting day/night and all weather operations. The anticipated time of usage is 6 months. The MWSS is conducting aviation ground support operations.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Operates and maintains M-21 arresting gear.
- .2 \_\_\_\_\_ Operates and maintains airfield lighting to include FLOLS.
- .3 \_\_\_\_\_ Coordinates instructions for refueling and maintenance of generators that support EAF equipment.
- .4 \_\_\_\_\_ Maintains airfield matting and accessories.
- .5 \_\_\_\_\_ Establishes SOP for operation of EAF services.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

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ENCLOSURE (1)

## 13B.4 AIRCRAFT RESCUE FIREFIGHTING SERVICES

## TASK: 13B.4.1 PLAN AIRCRAFT RESCUE AND FIREFIGHTING (ARFF) SUPPORT

CONDITION(S): The MWSS has been directed to establish ARFF support. The airfield has a single runway of 4,000 feet long and 100 feet wide with a single parallel taxiway 50 feet wide. It presently has enough ramp space to support 6 fixed-wing/rotary-wing (fighter/attack) type aircraft and one large transport type aircraft. Plans call to have the runway extended to 8,000 feet and the ramp space expanded to support one fixed-wing/rotary-wing squadron and two large transport type aircraft. Aircraft operating from the FOB will be conducting day/night and all weather operations. The FOB will be able to project two forward air points. The anticipated time of u sage is 6 months. The MWSS has begun CFR services support planning.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_ Identifies mission requirements.
- .2 \_\_\_\_ Identifies equipment and personnel requirements based upon the type of expeditionary FOB and aircraft operations.
- .3 \_\_\_\_ Determines availability of joint/host nation rescue and firefighting support assets.
- .4 \_\_\_\_ Draws or obtains diagram of the FOB to include base camp.
- .5 \_\_\_\_ Plans/coordinates ARFF emergency fire and rescue communications.
- .6 \_\_\_\_ Selects immediate response position (Hotspot), strategically located on the airfield to observe all landings and take-offs.
- .7 \_\_\_\_ Selects standby alert positions (remaining complement of manned major aircraft firefighting and rescue vehicles to meet minimum response requirements).
- .8 \_\_\_\_ Establishes ARFF/structural firefighting duty sections.

ENCLOSURE (1)

- .9 \_\_\_\_\_ Establishes Fire Inspection/Safety Program and coordinates with personnel designing/constructing Base Camp to ensure compliance with Tent Camp Fire Safety procedures (tent spacing, fire lanes, etc.).

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

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**TASK: 13B.4.2 CONDUCT ARFF OPERATIONS**

CONDITION(S): The ACE is conducting operations ashore. The MWSS is conducting aviation ground support operations.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Publishes SOP for the conduct of ARFF operations.
- .2 \_\_\_\_\_ Publish ARFF Fire Bills.
- .3 \_\_\_\_\_ Puts into service all ARFF equipment.
- .4 \_\_\_\_\_ Conducts a fire prevention/protection program to include fire extinguisher training to all personnel engaged in duties involving aircraft operations.
- .5 \_\_\_\_\_ Establishes an Aircraft Emergency alarm intercommunication system direct wire (crash phone).
- .6 \_\_\_\_\_ Provides immediate Response Crews (Hotspots) to observe all take-offs/landings.
- .7 \_\_\_\_\_ Responds to any aircraft mishap within the area of CFR responsibility and arrive at the scene within 3 minutes.
- .8 \_\_\_\_\_ Conducts containment procedures involving composite fibers/hazardous materials.
- .9 \_\_\_\_\_ Conducts aircraft familiarization for type of aircraft supported.

ENCLOSURE (1)

- .10 \_\_\_\_\_ Performs maintenance on fire extinguishers.
- .11 \_\_\_\_\_ Conducts Base fire inspections.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

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**TASK: 13B.4.3 PLAN STRUCTURAL FIREFIGHTING SUPPORT**

CONDITION(S): The ACE is established ashore at an FOB. FOB camp facilities are being constructed.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Draws or obtains a diagram of the FOB.
- .2 \_\_\_\_\_ Plans structural fire fighting requirements.
- .3 \_\_\_\_\_ Develops fire prevention program.
- .4 \_\_\_\_\_ Identifies joint/host nation firefighting support assets available and plans to integrate them into the ACE firefighting plan.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

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ENCLOSURE (1)

**TASK: 13B.4.4 CONDUCT STRUCTURAL FIREFIGHTING SUPPORT**

CONDITION(S): The ACE has established operations ashore. The FOB camp facilities have been constructed.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Conducts fire prevention program.
- .2 \_\_\_\_\_ Publishes structural firefighting bills.
- .3 \_\_\_\_\_ Conducts fire inspections of the FOB.
- .4 \_\_\_\_\_ Responds to fires within the FOB.
- .5 \_\_\_\_\_ Responds to hazardous material incidents within the FOB.
- .6 \_\_\_\_\_ Performs fire extinguisher maintenance in support of the FOB.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

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**13B.5 FUEL SERVICES**

**TASK: 13B.5.1 PLAN FOR FUEL SUPPORT AT FOB(S)**

CONDITION(S): The ACE has been assigned to an FOB. The MWSS has begun fuel support planning. The airfield has a single runway of 4,000 feet long and 100 feet wide with a single parallel taxiway 50 feet wide. The airfield presently has enough ramp space to support 10 fixed-wing/rotary-wing (fighter/attack) type aircraft and one large transport type aircraft. The runway will be extended to 8,000 feet and the ramp space expanded to support one fixed-wing/rotary-wing squadron and two large transport type aircraft. Aircraft operating from the forward operating base (FOB) will be conducting day/night and all weather operations.

ENCLOSURE (1)

The air facility will be able to project two forward air points.  
The anticipated time of usage is 6 months.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Develops fuel estimate in coordination with ACE planners, to support the ACE concept of operations.
- .2 \_\_\_\_\_ Conducts a site review and develops distribution system layout.
- .3 \_\_\_\_\_ Locates and arranges integrated usage of joint service/host nation fuel support assets, as available.
- .4 \_\_\_\_\_ Develops fuel facility security plan in conjunction with overall FOB security plan.
- .5 \_\_\_\_\_ Develops a petroleum quality surveillance plan.
- .6 \_\_\_\_\_ Develops a spill contingency plan.
- .7 \_\_\_\_\_ Coordinates with CFR to develop a fire prevention and response plan to support fuel site.
- .8 \_\_\_\_\_ Develops internal FOB petroleum accounting control procedures (receipt, storage, and issue).
- .9 \_\_\_\_\_ Identifies petroleum handling equipment requirements.
- .10 \_\_\_\_\_ Compares distribution capabilities with the ACE concept of operations.
- .11 \_\_\_\_\_ Identifies communication requirements.
- .12 \_\_\_\_\_ Coordinates site preparation requirements for fuel facility (general engineering).
- .13 \_\_\_\_\_ Coordinates MHE requirements.
- .14 \_\_\_\_\_ Coordinates with the ACE planners on petroleum related matters.
- .15 \_\_\_\_\_ Establish aircraft refueling procedures.
- .16 \_\_\_\_\_ Develops disposal procedures for contaminated petroleum products.

ENCLOSURE (1)

EVALUATOR INSTRUCTIONS: The evaluator should be familiar with all applicable FMFM's, TM's, and NAVAIR's.

KEY INDICATORS: None.

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**TASK: 13B.5.2 PROVIDE FUEL SUPPORT AT FOB(S)**

CONDITION(S): The ACE has begun FOB operations. The airfield has a single runway of 4,000 feet long and 100 feet wide with a single parallel taxiway 50 feet wide. The airfield presently supports 10 fixed-wing/rotary-wing (fighter/attack) type aircraft and one large transport type aircraft. The runway will be extended to 8,000 feet and the ramp space expanded to support one fixed-wing/rotary-wing squadron and two large transport type aircraft. Aircraft operating from the forward operating base (FOB) are conducting day/night and all weather operations. The air facility is projecting two forward air points. The anticipated time of usage is 6 months. The MWSS is conducting aviation ground support operations.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_ Begins site preparation.
- .2 \_\_\_\_ Execute/validate site security plan in conjunction with the overall FOB security plan.
- .3 \_\_\_\_ Implements a petroleum quality assurance program.
- .4 \_\_\_\_ Implements a spill plan contingency and countermeasures for Tactical Airfield Fuel Distribution System (TAFDS) as required.
- .5 \_\_\_\_ Implements a fire prevention plan.
- .6 \_\_\_\_ Implements internal FOB petroleum accounting control procedures (receipt, storage, and issue).
- .7 \_\_\_\_ Installs and operates petroleum handling equipment requirements.
- .8 \_\_\_\_ Establishes communication with other FOB locations.

ENCLOSURE (1)

- .9 \_\_\_\_\_ Maintains close liaison with the ACE operational planners to forecast fuel requirements and ensure timely resupply.
- .10 \_\_\_\_\_ Provides schematic of organic petroleum distribution system for designated areas of operation.
- .11 \_\_\_\_\_ Conducts refueling operations.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

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**TASK: 13B.5.3 PLAN REFUELING OPERATIONS AT A FORWARD ARMING AND REFUELING POINT (FARP)**

CONDITION(S): The ACE is in receipt of a frag order directing it to establish an enroute rearming and refueling point to support ACE aircraft. The ACE, MWSS, and MALS have begun planning FARP operations.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Coordinates with the ACE Commanding Officer.
- .2 \_\_\_\_\_ Coordinates with the MWSS S-3 to determine the mission requirements.
- .3 \_\_\_\_\_ Coordinates with the MWSS S-3 to determine the quantity and type of aircraft to be supported.
- .4 \_\_\_\_\_ Coordinates with the MWSS S-3 to determine the quantity and type of fuel needed.
- .5 \_\_\_\_\_ Determines the number of refueling points.
- .6 \_\_\_\_\_ Identifies the amount and type of equipment required.
- .7 \_\_\_\_\_ Determines the method of transportation for fuel and personnel to the FARP site.
- .8 \_\_\_\_\_ Identifies the number of personnel required.

ENCLOSURE (1)

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- .9 \_\_\_\_\_ Determines the method to resupply the FARP.
- .10 \_\_\_\_\_ Determines additional support requirements.
- .11 \_\_\_\_\_ Plans layout of refueling area.
- .12 \_\_\_\_\_ Determines and coordinates specific refueling procedures.
- .13 \_\_\_\_\_ Develops security plan in conjunction with FARP coordinator.

EVALUATOR INSTRUCTIONS: The evaluator should be familiar with all applicable TM's, FM's, NAVAIR's, NATOPS's and other related publications.

KEY INDICATORS: None.

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**TASK: 13B.5.4 CONDUCT REFUELING OPERATIONS AT A FORWARD ARMING AND REFUELING POINT (FARP)**

CONDITION(S): The MWSS has established itself and is operating a FARP in support of ACE operations.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Conducts pack-up, mount out and movement to FARP location.
- .2 \_\_\_\_\_ Implements local security as planned.
- .3 \_\_\_\_\_ Installs and operates refueling equipment.
- .4 \_\_\_\_\_ Conducts fuel sampling and testing as needed.
- .5 \_\_\_\_\_ Conducts refueling operations as planned.
- .6 \_\_\_\_\_ Conducts resupply as planned.
- .7 \_\_\_\_\_ Conducts evacuation and relocation as planned.
- .8 \_\_\_\_\_ Retrogrades as planned.

ENCLOSURE (1)

EVALUATOR INSTRUCTIONS: The evaluator should be familiar with all applicable TM's, FM's, NAVAIR's, NATOPS's and other related publications.

KEY INDICATORS: None.

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### 13B.6 EXPLOSIVE ORDNANCE DISPOSAL SERVICES

#### TASK: 13B.6.1 PLAN EXPLOSIVE ORDNANCE DISPOSAL (EOD) SUPPORT

CONDITION(S): The MWSS has received a warning order directing it to prepare for combat operations. Hostile forces have direct and indirect fire weapons capabilities, fixed and rotary-wing aircraft, armor, EW capability, and other assets normally possessed by a hostile foreign power. The ACE and MWSS have begun EOD support planning.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Analyzes the ACE mission and available information to identify EOD requirements.
- .2 \_\_\_\_\_ Provides input to the ACE EOD estimate of supportability.
- .3 \_\_\_\_\_ Identifies EOD support requirements based on the assigned mission.
- .4 \_\_\_\_\_ Determines EOD intelligence requirements and combat information requirements and submits to the ACE G/S-2.
- .5 \_\_\_\_\_ Submits recommendations on the employment of EOD personnel.
- .6 \_\_\_\_\_ Plans for an Explosive Ordnance Reconnaissance (EOR).
- .7 \_\_\_\_\_ Plans for an Explosive Ordnance Disposal operation.

ENCLOSURE (1)

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EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

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**TASK: 13B.6.2 PROVIDE EOD SUPPORT**

CONDITION(S): The ACE is conducting operations from an FOB. The MWSS has been tasked to remove unexploded ordnance from a runway that has impeded air operations. The supported unit will provide security, as necessary.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Conducts Explosive Ordnance Reconnaissance (EOR).
- .2 \_\_\_\_\_ Locates, identifies, and renders safe all types of explosive ordnance, either friendly or foreign, conventional, improvised, chemical, or nuclear.
- .3 \_\_\_\_\_ Categorizes all EOD incidents based on their threat to combat resources/facilities.
- .4 \_\_\_\_\_ Conducts initial assessment of situation involving unsafe explosive, chemical, nuclear, or biological ordnance.
- .5 \_\_\_\_\_ Performs immediate action as required in a situation involving nuclear weapons.
- .6 \_\_\_\_\_ Disposes of unsafe explosive, chemical, nuclear, and biological ordnance.
- .7 \_\_\_\_\_ Handles and renders safe "hung" ordnance on aircraft when such ordnance has been determined to be unsafe and beyond the capabilities of aviation ordnance personnel.
- .8 \_\_\_\_\_ Supports recovery/salvage operations.
- .9 \_\_\_\_\_ Responds to incidents involving unexploded ordnance which require prompt and special action from a safety and/or security point of view.

ENCLOSURE (1)

- .10 \_\_\_\_\_ Advises CFR personnel and the Officer-in-Charge of an aircraft mishap investigation of existing hazardous explosive threats.
- .11 \_\_\_\_\_ Clears occupied areas of dud fired, area denial and sub-munitions, as directed by the MAGTF commander.
- .12 \_\_\_\_\_ Mitigates collateral damage by eliminating or reducing the explosive effects of a detonation.
- .13 \_\_\_\_\_ Assists in safety determinations of damaged munitions.
- .14 \_\_\_\_\_ Clears impact areas of dud munitions.
- .15 \_\_\_\_\_ Assists in rapid runway repair (RRR) operations by clearing runways and surrounding areas of dud-fired, delay and area denial munitions.
- .16 \_\_\_\_\_ Seals leaks, packages and disposes of chemical munitions.
- .17 \_\_\_\_\_ Provides technical EOD information.
- .18 \_\_\_\_\_ Identifies and evaluates foreign ordnance debris.
- .19 \_\_\_\_\_ Responds to incidents involving improvised explosive devices and render safe improvised explosive devices.
- .20 \_\_\_\_\_ Clear misfired ordnance from weapons organic to the ACE.
- .21 \_\_\_\_\_ Disassemble and exploit all types of explosive ordnance for technical intelligence purposes.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

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ENCLOSURE (1)

13B.7 ENGINEER SERVICES

TASK: 13B.7.1 PLAN GENERAL ENGINEERING SUPPORT

CONDITION(S): The MWSS has received a warning order directing it to prepare plans in support of combat operations. Hostile forces have direct and indirect fire weapons capabilities, fixed and rotary-wing aircraft, armor, EW capability, and other assets normally possessed by a hostile foreign power. The MWSS has begun general engineering support planning.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Provides input to the ACE engineer estimate of supportability.
- .2 \_\_\_\_\_ Develops engineer plans based on procedures contained in the MWSS SOP. (KI)
- .3 \_\_\_\_\_ Identifies engineer support requirements based on the assigned mission. (KI)
- .4 \_\_\_\_\_ Determines engineer intelligence and combat information requirements.
- .5 \_\_\_\_\_ Requests maps, aerial photographs, and special topographical products on the area of operations.
- .6 \_\_\_\_\_ Submits recommendations to the ACE planners on the employment of engineers.
- .7 \_\_\_\_\_ Task organizes organic engineer (personnel and equipment) assets based on the commander's guidance and assigned priorities.
- .8 \_\_\_\_\_ Issues a warning order to subordinates and begins detailed planning.
- .9 \_\_\_\_\_ Requests information on the availability of local resources, sources of supply, and procedures to acquire needed materials and equipment.
- .10 \_\_\_\_\_ Gathers available information on bridges, tunnels, rafts, ferries, and fords in the area of responsibility to determine their classification, and/or coordinates a reconnaissance effort to collect the information.

ENCLOSURE (1)

- .11 \_\_\_\_\_ Calculates the type and amount of class IV and V supplies required to support engineer efforts.
- .12 \_\_\_\_\_ Prepares sketches and detailed plans on assigned engineer tasks.
- .13 \_\_\_\_\_ Coordinates equipment and personnel augmentation requirements.
- .14 \_\_\_\_\_ Coordinates movement of engineer assets.
- .15 \_\_\_\_\_ Determines the requirement to prepackage standard loads of class IV materials such as palletizing pickets, barbed wire, and mines necessary to lay a hasty minefield.
- .16 \_\_\_\_\_ Determines the degree of soil preparation required for development of FOB's.
- .17 \_\_\_\_\_ Identifies requirements within the ACE's area of responsibility for expedient road surfacing and determines equipment/material requirements.
- .18 \_\_\_\_\_ Develops a countermobility plan and integrates the plan into the overall FOB defensive plan.
- .19 \_\_\_\_\_ Prepares sketches, diagrams, and specifications required for the construction of protective shelters, emplacements, etc.
- .20 \_\_\_\_\_ Identifies mobile electrical power (MEP) requirements.
- .21 \_\_\_\_\_ Identifies water requirements.
- .22 \_\_\_\_\_ Identifies hygiene services requirements.
- .23 \_\_\_\_\_ Plans for maintenance and repair of airfield facilities to include rapid runway repair (RRR).
- .24 \_\_\_\_\_ Plans for survey support.
- .25 \_\_\_\_\_ Provides for preparation of outlying areas/bases.
- .26 \_\_\_\_\_ Plans for construction and maintenance of FOB's.
- .27 \_\_\_\_\_ Maintains up-to-date data on all engineer assets and facilities.

ENCLOSURE (1)

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- .28 \_\_\_\_\_ Plans for a utilities reconnaissance.
- .29 \_\_\_\_\_ Develops plans for horizontal and vertical construction as required.
- .30 \_\_\_\_\_ In coordination with MALS, plan for construction of an Ammunition Issue Point (AIP) for ACE operations
- .31 \_\_\_\_\_ Develops plans for MHE/HE support within the FOB.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

#### PLANNING

Some plans which the engineer support section should be concerned with are:

1. Electrical power distribution plan.
2. Water production and distribution plan.

These may be separate appendices included in the body of the operation order.

#### ENGINEER SUPPORT REQUIREMENTS

Engineer support requirements include:

1. Engineer reconnaissance.
2. Construction.
  - a. Field fortifications
  - b. Protective structures
  - c. Storage and maintenance facilities
3. Repair and maintenance of constructed facilities.
4. Equipment support.

ENCLOSURE (1)

5. Technical assistance in developing AGS facilities.
  6. Development of routes of communications.
  7. Demolitions and obstacle removal.
  8. Explosive and nonexplosive obstacles.
  9. Utilities.
- 

**TASK: 13B.7.2 CONDUCT ENGINEER RECONNAISSANCE**

CONDITION(S): The MWSS has been tasked to conduct an engineer reconnaissance of specified routes and areas for use as potential FOB's. Times are established for the reconnaissance itself and for report submission.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Acknowledges receipt of the mission and receives commander's guidance.
- .2 \_\_\_\_\_ Coordinates with S-3 to determine the specifics of the task, desired report format, and any other special instructions.
- .3 \_\_\_\_\_ Requests available information on the area and any special topographical products or aerial photography available from the S-2.
- .4 \_\_\_\_\_ Gathers plans, charts, drawings, and blueprints of facilities within the FOB.
- .5 \_\_\_\_\_ Gathers information on enemy engineer activity from the S-2.
- .6 \_\_\_\_\_ Coordinates local security and fire support during reconnaissance.
- .7 \_\_\_\_\_ Uses phase lines, checkpoints and other control measures, as required, to coordinate the reconnaissance effort.

ENCLOSURE (1)

- .8 \_\_\_\_\_ Task organizes personnel and equipment required to conduct the reconnaissance.
- .9 \_\_\_\_\_ Issues an order to subordinates. Conducts a patrol briefing and inspection.
- .10 \_\_\_\_\_ Gathers general engineering information on the designated area; i.e., location of construction materials and natural resources.
- .11 \_\_\_\_\_ Using six digit UTM coordinates, determines the location, quantity available, quality, and accessibility of resources.
- .12 \_\_\_\_\_ Reconnoiters all bridges within the FOB. (KI)
- .13 \_\_\_\_\_ Determines best fords, as required. (KI)
- .14 \_\_\_\_\_ Locates route constrictions such as underpasses, especially those below minimum standards, and if appropriate, the distances such restrictions extend.
- .15 \_\_\_\_\_ Determines the weight bearing capacity of ice, danger imposed by ice flow, and traction problems if conducted during cold weather.
- .16 \_\_\_\_\_ Identifies the locations and limiting dimensions of tunnels to include suitable bypasses.
- .17 \_\_\_\_\_ Evaluates the soil condition along the route, and determines improvements required (work estimates).
- .18 \_\_\_\_\_ Reviews available area studies to identify information not covered or outdated.
- .19 \_\_\_\_\_ Confirms location of routes that are represented on the standard 1:50,000 military maps. (KI)
- .20 \_\_\_\_\_ Prepares a simple map overlay pointing out errors, improvements to routes, and omissions on the standard tactical map sheets. (KI)
- .21 \_\_\_\_\_ Prepares a route reconnaissance report (DA Form 1711-R) which contains the requisite information using standardized formats, military map symbols, hasty route reconnaissance symbols, and work estimates on reverse side. (KI)

- .22 \_\_\_\_\_ Debriefs personnel who conducted the reconnaissance.
- .23 \_\_\_\_\_ Submits a reconnaissance report.
- .24 \_\_\_\_\_ Identifies location of enemy obstacle.
- .25 \_\_\_\_\_ Provides detailed information on all obstacles. (KI)
- .26 \_\_\_\_\_ Identifies routes, existing obstacles, and minefield locations.
- .27 \_\_\_\_\_ Identifies location and capacity of FOB sites surveyed.
- .28 \_\_\_\_\_ Identifies location and types of water points.
- .29 \_\_\_\_\_ Identifies location, type, and capacity of local engineer equipment, electrical power sources, and construction materials.
- .30 \_\_\_\_\_ In coordination with MALS, determines the best location for construction of an AIP, considering the amount of aviation ordnance to be stored and its blast radius/arc.
- .31 \_\_\_\_\_ Performs soil analysis to determine whether type of soil and California Bearing Ratio (CBR) is sufficient to support the type and number of aircraft that will operate from the FOB.
- .32 \_\_\_\_\_ Plans for horizontal construction effort in support of AM-2 matting installation.
- .33 \_\_\_\_\_ Plans for horizontal construction effort in support of installation of TAFDS.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

#### BRIDGES

Reconnaissance of bridges should include information concerning as many of the following areas as possible:

1. Classification data.

ENCLOSURE (1)

2. General description and orientation.
3. Component dimensions.
4. Available bypasses.
5. Defensibility of surrounding terrain.
6. Maintenance requirements.
7. Velocity and width of stream.
8. Underwater supports and abutments.
9. Obstacles protecting the supports.

#### FORDS

Selecting the best site to conduct fording operations requires an analysis of the river bottom (i.e., firm, soft, etc.), identification of entry and exit points, required development/maintenance, available concealment, slope, velocity, and width of stream, indications of the affects of rain on drainage, and surrounding terrain considerations.

#### CONFIRMING LOCATION OF ROUTES

Emphasis must be placed on ensuring that maps and charts are annotated to reflect information not reflected on current maps.

#### OVERLAY

The overlay contains the following markings:

1. Two grid references, magnetic north arrow, scale of map used, title block route classification formula.
2. Width: narrowest width of the route (in meters or feet).
3. Route type: determined by worst section of route, X is all-weather (surfaced road), Y is limited all weather (gravel or unsurfaced road), and Z is fair weather (rough trail).

4. Military route classification: lowest one way bridge load classification.
5. Obstructions: note any type including degree of reduction to traffic flow.

Special conditions: snow blockage (T), and flooding are marked if conditions are persistent, but passage is possible.

#### DA FORM 1711-R

DA form 1711-R must be completed and forwarded in a timely fashion. Rapid dissemination of intelligence gathered from reconnaissance is vital to overall mission success.

#### OBSTACLE DESCRIPTIONS

Obstacles, whether existing (natural or manmade) or reinforcing obstacles, including large areas containing NBC contamination, must be carefully described by type, limits, and recommendations as to whether bypass or in-stride breach is warranted.

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#### TASK: 13B.7.3 CONSTRUCT VTOL PADS IN CONJUNCTION WITH AIR OPERATIONS

CONDITION(S): The MWSS has been tasked to construct a VTOL site (96' by 96') in support of ACE operations. The VTOL site must be completed within 24 hours, prior to commencement of surge flight operations. The ACE's AV-8's are sea-based and will operate from the VTOL site under visual flight regulations (VFR) upon completion. The area selected is devoid of any existing roads, parking lots, existing airfields, etc.. Land clearing assets include demolitions, chain saws, and hand tools. Heavy equipment is available, as required. The supported unit will provide security.

ENCLOSURE (1)

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Acknowledges receipt of the task and receives commander's guidance.
- .2 \_\_\_\_\_ Coordinates with S-2/3 and ACE planners concerning intelligence, location of the LZ, security, anticipated number of AV-8B's, tonnage, requirement for storage area for external loads and personnel.
- .3 \_\_\_\_\_ Conducts a reconnaissance of the site selected, and conducts a field identification of the soil.
- .4 \_\_\_\_\_ Coordinates with Expeditionary Airfield Services to determine weight bearing ability of soil. (KI)
- .5 \_\_\_\_\_ Task organizes, briefs, and inspects troops for proper supplies, equipment, and/or explosives to construct the VTOL pad.
- .6 \_\_\_\_\_ Surveys the location of the VTOL pad for minimum CBR rate of 4, and maximum gradient change of 2 inches/12 feet.
- .7 \_\_\_\_\_ Clears 150 feet beyond the edges of the landing pad for safe approaches.
- .8 \_\_\_\_\_ Clears small trees and brush, and removes stumps at ground level.
- .9 \_\_\_\_\_ Ensures the obstruction height at the edge of the clearing does not exceed 50 feet.
- .10 \_\_\_\_\_ Clearly marks obstacles which cannot be removed.
- .11 \_\_\_\_\_ Determines storm run off and drainage using the hasty method, and constructs surface drainage structures if required.
- .12 \_\_\_\_\_ Prepares a 96'x96' VTOL pad, utilizing AM-2 matting, constructing a suitable surface plus a parking area for additional aircraft as required.
- .13 \_\_\_\_\_ Clears the area of FOD.
- .14 \_\_\_\_\_ Reports completion of the air point and provides the using unit with a sketch of the site.

ENCLOSURE (1)

- .15 \_\_\_\_\_ Coordinates Expeditionary Airfield Services support to ensure certification by the proper authority.

EVALUATOR INSTRUCTIONS: Criteria for the site are contained in the AV-8B Tactical Manual (NWP55-3-AV8B), Chapter 11.

KEY INDICATORS:

#### WEIGHT BEARING ABILITY

A minimum California Bearing Ratio (CBR) value of 8 to 10 percent at 3 inches below the surface is required for suitable surface hardness in the event operations in and out of unprepared site are required.

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#### TASK: 13B.7.4 CONSTRUCT MISSION ESSENTIAL BASE CAMP REQUIREMENTS

CONDITION(S): The ACE has requested engineer support to construct a base camp. The anticipated time of use is 6 months. The camp must be capable of providing all facets of AGS. Land clearing assets include demolition, hand tools, chain saws, and heavy equipment. The supported units are responsible for security and will provide working parties to augment the MWSS engineers.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Analyzes the mission and receives commander's guidance.
- .2 \_\_\_\_\_ Coordinates planning efforts with the air base camp commandant.
- .3 \_\_\_\_\_ Task organizes, briefs, and inspects personnel for proper supplies, equipment, and/or explosives to construct the base camp.
- .4 \_\_\_\_\_ Installs barriers beyond the capability of supported units as prescribed in the operation plan.
- .5 \_\_\_\_\_ Plans and installs expedient drainage system.

ENCLOSURE (1)

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- .6 \_\_\_\_\_ Plans and constructs field sanitation facilities.
- .7 \_\_\_\_\_ Constructs a heavy equipment staging area.
- .8 \_\_\_\_\_ Conducts vertical and horizontal construction as required. (KI)
- .9 \_\_\_\_\_ Plans and installs a power distribution system.
- .10 \_\_\_\_\_ Plans and constructs refueling points.
- .11 \_\_\_\_\_ Supervises camouflage requirements.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

#### VERTICAL AND HORIZONTAL CONSTRUCTION

Vertical and horizontal construction requirements may include the following:

1. Ordnance storage facilities.
  2. Chowhall.
  3. Temporary revetments.
  4. Waste disposal sites.
  5. Temporary bunkers.
  6. Strongbacks huts.
  7. Expedient roads.
  8. Ammunition Issue Points (AIP's).
  9. Hardening key facilities.
- 

ENCLOSURE (1)

## TASK: 13B.7.5 PROVIDE MOBILE ELECTRIC POWER SUPPORT

CONDITION(S): The MWSS has been tasked to provide mobile electric power support to the FOB. Heavy equipment support is available for site preparation.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Properly matches generators to their anticipated /planned loads.
- .2 \_\_\_\_\_ Properly locates generator(s) for maximum efficiency (largest load nearest the generator set).
- .3 \_\_\_\_\_ Ensures voltage drop at farthest load is within +/- 10 percent.
- .4 \_\_\_\_\_ Constructs tactical emplacement of generators. (KI)
- .5 \_\_\_\_\_ Properly grounds generator sets.
- .6 \_\_\_\_\_ Inspects distribution systems for proper installation.
- .7 \_\_\_\_\_ Ensures that where the overhead system crosses roadways, the wires are properly marked and have at least a 16 foot ground clearance.
- .8 \_\_\_\_\_ Connects receptacles and other loads with the proper polarity.
- .9 \_\_\_\_\_ Locates generator(s) for ease of access for refueling, servicing, or replacement.
- .10 \_\_\_\_\_ Camouflages/conceals generator(s).
- .11 \_\_\_\_\_ Performs preventive maintenance services daily, or as required.
- .12 \_\_\_\_\_ Posts signs for noise hazard and provides utilities personnel with appropriate hearing protection.
- .13 \_\_\_\_\_ Prepares generator refueling schedule.

ENCLOSURE (1)

MCO 3501.17

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

#### TACTICAL EMPLACEMENT OF GENERATORS

The tactical emplacement of generators should take into consideration the following:

1. Generators are dug in or well bermed to dampen noise and protect generators.
2. Camouflage nets or natural materials are used for concealment.

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#### TASK: 13B.7.6 ESTABLISH A SHOWER POINT

CONDITION(S): The MWSS has been tasked to plan, construct, and operate a shower point. The anticipated time of usage is 6 months. Heavy equipment support is available for site preparation.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_ Locates shower point so it does not create a sanitation hazard.
- .2 \_\_\_\_ Provides shower point with adequate drainage to control waste water and prevent contamination of natural streams, lakes, or other water sources.
- .3 \_\_\_\_ Provides shower point with shelter for privacy and protection against the elements.
- .4 \_\_\_\_ Utilizes an approved water source.
- .5 \_\_\_\_ Utilizes water with a chlorine level residual between 3.0 and 5.0 ppm.
- .6 \_\_\_\_ Covers water storage tank to prevent re-contamination.

ENCLOSURE (1)

- .7 \_\_\_\_\_ Provides serviceable decking for the shower tent, if required.
- .8 \_\_\_\_\_ Keeps equipment clean and away from combustibles.
- .9 \_\_\_\_\_ Performs daily preventive maintenance services.
- .10 \_\_\_\_\_ Camouflages and conceals equipment, as required.
- .11 \_\_\_\_\_ Positions equipment for ease of refueling, servicing, and/or replacement.
- .12 \_\_\_\_\_ Ensures that adequate freeze protection measures are taken.
- .13 \_\_\_\_\_ Provides adequate lighting and ensures protection from all electrical hazards.
- .14 \_\_\_\_\_ Recommends shower hours to Camp Commandant.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

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**TASK: 13B.7.7 ESTABLISH A LAUNDRY POINT**

CONDITION(S): The MWSS has been tasked to plan, construct, and operate a laundry point. The anticipated time of usage is 6 months. Heavy equipment support is available for site preparation.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Locates laundry point so it does not create a sanitation hazard.
- .2 \_\_\_\_\_ Provides adequate drainage to control wastewater and prevent contamination of natural streams, lakes, or other water sources.
- .3 \_\_\_\_\_ Utilizes an approved laundry source.

ENCLOSURE (1)

- .4 \_\_\_\_\_ Utilizes water containing a chlorine residual of at least 3.0 ppm.
- .5 \_\_\_\_\_ Covers water storage tank to prevent re-contamination of water.
- .6 \_\_\_\_\_ Properly grounds laundry unit.
- .7 \_\_\_\_\_ Cleans up fuel spills when they occur on the laundry unit.
- .8 \_\_\_\_\_ Locates generator at least 75 feet from the laundry unit, or (if impracticable), provides personnel with hearing protection.
- .9 \_\_\_\_\_ Maintains electrical connections, secure panels, and doors in place to prevent electrical accidents.
- .10 \_\_\_\_\_ Provides laundry unit with a serviceable fire extinguisher.
- .11 \_\_\_\_\_ Maintains 3 feet clearing from exhaust ducts to prevent ignition of combustibles.
- .12 \_\_\_\_\_ Performs preventive maintenance services daily.
- .13 \_\_\_\_\_ Keeps laundry unit and generator clean and uncluttered.
- .14 \_\_\_\_\_ Posts hazardous noise signs around generators.
- .15 \_\_\_\_\_ Adheres to laundry turn-in schedule to preclude overlap.
- .16 \_\_\_\_\_ Maintains records of individual and bulk laundry receipt/issue.
- .17 \_\_\_\_\_ Camouflages/conceals equipment, as required.
- .18 \_\_\_\_\_ Positions equipment for ease of refueling, servicing, and/or replacement.
- .19 \_\_\_\_\_ Ensures adequate freeze protection measures are taken.
- .20 \_\_\_\_\_ Provides training and supervision for supported unit laundry personnel.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

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**TASK: 13B.7.8 PROVIDE POTABLE WATER**

CONDITION(S): The MWSS has been tasked to produce, store, and distribute potable water. The site must produce 6,000 gallons of potable water within 6 hours of arrival. The entire water system is to be operational within 24 hours after arrival. All equipment and chemicals necessary for operation are available.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_ Analyzes mission and receives commander's guidance.
- .2 \_\_\_\_ Requests available information on the area and any aerial photography available.
- .3 \_\_\_\_ Coordinates security and fire support plan with local units.
- .4 \_\_\_\_ Identifies personnel and any special equipment required to conduct the reconnaissance and establish the site.
- .5 \_\_\_\_ Issues the order and conducts a briefing.
- .6 \_\_\_\_ Analyzes water sources/site.
- .7 \_\_\_\_ Sets up and operates water purification unit. (KI)
- .8 \_\_\_\_ Establishes water distribution points
- .9 \_\_\_\_ Tests water storage vessels for chlorine level and amount of total dissolved solids (TDS). (KI)
- .10 \_\_\_\_ Maintains daily logs on site for water production and issue.
- .11 \_\_\_\_ Ensures that adequate freeze protection measures are taken, as required.

ENCLOSURE (1)

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EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

#### SET-UP AND OPERATION OF WATER PURIFICATION UNIT

The following factors should be considered when setting up and operating a water purification unit:

1. Selects suitable, level ground for unit.
2. Positions unit close enough to water supply.
3. Determines the feasibility of whether to use local electric power or the use of mobile electric power to support water requirements.
4. Makes maximum use of natural cover and concealment, or camouflages site.
5. Correctly installs all hoses and pumps.
6. Ensures that no electrical contacts are left exposed.
7. Uses the correct formula to determine the correct amounts of chemicals, as required.
8. Lays out water point and storage areas to facilitate one-way traffic for ease of dispensing final product water to using units.
9. Performs preoperational checks.
10. Performs during operational checks after each hour of operation.
11. Ensures hearing protection is worn around all generators and heavy equipment.
12. If ROWPU is utilized for pumping water for decontamination operations, chlorinization feed pump must be shut off.

ENCLOSURE (1)

## Chlorine Level

The amount of total dissolved solids must be less than 1,500 ppm. Under field conditions the chlorine level can range from no more than 5 ppm at the point of production and no less than 2 ppm at the point of consumption. For permanent and semi permanent facilities the chlorine level will not be greater than 1.0 ppm and not less than .75 ppm unless directed by medical authorities.

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## TASK: 13B.7.9 CONDUCT LIMITED MINE SWEEP

CONDITION(S): The MWSS is conducting a limited mine sweep of a captured airfield to detect buried mines/hazardous ordnance. The MWSS will provide security for the mine sweep.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Analyzes the mission and coordinates as necessary to support the subject mine sweep.
- .2 \_\_\_\_\_ Task organizes for the mine sweep and prepares for the operation.
- .3 \_\_\_\_\_ Coordinates required EOD support.
- .4 \_\_\_\_\_ Inspects and conducts operational checks of the equipment.
- .5 \_\_\_\_\_ Conducts the mine sweep in accordance with procedures detailed in the unit's SOP.
- .6 \_\_\_\_\_ Relieves mine detector operators every 15 to 20 minutes.
- .7 \_\_\_\_\_ Checks roads and shoulders for mines using mine detectors.
- .8 \_\_\_\_\_ Detonates, removes or marks discovered mines as required.
- .9 \_\_\_\_\_ Marks boundaries of minefields and lanes, to include civilian warnings.

ENCLOSURE (1)

MCO 3501.17

- .10 \_\_\_\_\_ Calculates the time and materials required to repair the road damage caused by the detonation of any mines.
- .11 \_\_\_\_\_ Submits spot reports to the ACE G/S-3 on any mines or booby traps live or detonated, and other reports as required.

EVALUATOR INSTRUCTIONS: If subtask .4 is to be evaluated, the unit SOP must be available to the evaluator.

KEY INDICATORS: None.

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**TASK: 13B.7.10 INSTALL A HASTY PROTECTIVE MINEFIELD**

CONDITION(S): The MWSS has been assigned the mission of installing a hasty protective minefield to cover a potential enemy avenue of approach. The mines and marking material required to emplace the hasty protective minefield are available at an ammunition supply point (ASP). Chemical mines are not authorized.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Determines the mix and density of mines to be used based on the threat.
- .2 \_\_\_\_\_ Computes data on supplies and materials required.
- .3 \_\_\_\_\_ Ensures the minefield is emplaced across the enemy avenues of approach within range of the unit's weapons.
- .4 \_\_\_\_\_ Coordinates with the units within the FOB to ensure the minefield is integrated into the overall defense plan.
- .5 \_\_\_\_\_ Marks the lanes for movement of friendly personnel.
- .6 \_\_\_\_\_ Ensures coordination to arrange movement of supplies and material.
- .7 \_\_\_\_\_ Ensures reports of the intention to lay, initiation of laying and completion of laying are made by the MWSS to ACE headquarters.

ENCLOSURE (1)

- .8 \_\_\_\_\_ Coordinates the security of the area with the MWSS.
- .9 \_\_\_\_\_ Supervises the construction of the minefield.
- .10 \_\_\_\_\_ Lays mines as expeditiously as possible, and does not employ anti-handling devices.
- .11 \_\_\_\_\_ Arms and camouflages mines.
- .12 \_\_\_\_\_ Clears the area of packaging debris directly associated with the installation of mines.
- .13 \_\_\_\_\_ Marks minefield located in friendly areas.
- .14 \_\_\_\_\_ Records minefield on DA form 1355-A and diagrams its pattern.

EVALUATOR INSTRUCTIONS: Simulation to approximate combat loads and conditions is necessary to gain an understanding of the logistical requirements for installing a minefield. All planning, coordination, and paperwork should be completed. Depending on the scope of the minefield, the requirement to report the initiation may be eliminated.

KEY INDICATORS: None.

### 13B.8 MOTOR TRANSPORTION SERVICES

#### TASK: 13B.8.1 MOTOR TRANSPORTATION (MT) PLANNING

CONDITION(S): The ACE has displaced ashore at an FOB. The MWSS has begun motor transport support planning.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Analyzes the mission and available information to identify specific tasks with respect to METT-T and KOCOA.

ENCLOSURE (1)

- .2 \_\_\_\_\_ Requests intelligence/information to determine beach trafficability, soil characteristics, weight bearing properties, beach gradients, and location of sand bars.
- .3 \_\_\_\_\_ Requests maps, aerial imagery, and other special topographical products.
- .4 \_\_\_\_\_ Provides staff input during the development of the logistics and the AGS estimates of supportability.
- .5 \_\_\_\_\_ Makes recommendations on the employment of MT assets.
- .6 \_\_\_\_\_ Determines, based on courses of action, overall MT support requirements and ensures effective use is made of the transport capability of the vehicles consistent with tactical considerations.
- .7 \_\_\_\_\_ Develops traffic circulation plan.
- .8 \_\_\_\_\_ Coordinates control of road nets within the FOB.
- .9 \_\_\_\_\_ Employs centralized control measures to be employed ashore for the prioritized and efficient use of vehicles.
- .10 \_\_\_\_\_ Identifies the fuel and lubricant requirements, by type, quantity, and climate conditions to support the vehicle fleet (consider weather conditions/average temperature and specific fluid weights, additives and fuel types).
- .11 \_\_\_\_\_ Plans motor transport security to include cover and camouflage, when vehicles are not in use.
- .12 \_\_\_\_\_ Establishes MT request procedures which will provide responsive and adequate motor transport support to components of the ACE.
- .13 \_\_\_\_\_ Ensures coordination of communications requirements to ensure sufficient equipment, frequencies, and call signs are available.
- .14 \_\_\_\_\_ Identifies all special/additional equipment requirements.
- .15 \_\_\_\_\_ Initiates continuous first echelon maintenance

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

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**TASK: 13B.8.2 CONVOY PLANNING**

CONDITION(S): The MWSS is tasked to support the ACE by moving personnel and equipment over an unfamiliar route to a forward area in a quantity that will require two convoys. One convoy requires a day movement and the other a night movement. The size and organization of the convoys are prescribed by the following minimums to simulate larger convoys covering longer routes. The day march column will be composed of two serials of 7 vehicles. Combat vehicles as part of the security element will not be included in the vehicle minimum count. The convoys will move over a distance of 25/10 (day/night) miles on unimproved roads (or a mix of improved/unimproved for day marches). The night column moves under blackout conditions and may be one serial. Assume that at some point in the route, the convoy has traveled sufficiently far that a planned halt is necessary.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Acknowledges receipt of the warning order and initiates planning.
- .2 \_\_\_\_\_ Analyzes the mission and available information to identify specific tasks with respect to KOCOA and METT-T.
- .3 \_\_\_\_\_ Ensures unit SOP provides detailed guidance on convoys.
- .4 \_\_\_\_\_ Uses standardized procedures contained in SOP's in the development of the convoy plan (to include vehicle hardening and crew-served weapons configurations).
- .5 \_\_\_\_\_ Reviews essential elements of friendly information and initiates immediate measures to reduce OPSEC indicators.

ENCLOSURE (1)

- .6 \_\_\_\_\_ Requests an intelligence update on the enemy, his disposition, capabilities, intentions (i.e., defend, reinforce, attack, withdraw, or delay (DRAW-D), identified vulnerability, area of operations, and weather).
- .7 \_\_\_\_\_ Requests maps, aerial imagery, and other special topographic products if not already possessed.
- .8 \_\_\_\_\_ Conducts a detailed terrain analysis to identify routes and highlight military aspects of terrain using KOCOA.
- .9 \_\_\_\_\_ Coordinates with S-2 to develop a reconnaissance and surveillance plan to locate enemy positions, movements, and obstacles including the use of aerial reconnaissance, both manned and unmanned.
- .10 \_\_\_\_\_ Determines overall MT requirements.
- .11 \_\_\_\_\_ Identifies the distances involved, estimated time of movement, length of column, and time and distance separation factors.
- .12 \_\_\_\_\_ Designates convoy commander.
- .13 \_\_\_\_\_ Arranges a leaders' reconnaissance (map, air, or route) depending on the time available and situation, to reconnoiter proposed routes, bridges, defiles, and other critical points which can either restrict or channel friendly forces.
- .14 \_\_\_\_\_ Considers vehicles and loads that will be moved to identify possible problems in advance (such as might be caused by a tractor-trailer hauling a bulldozer up a steep grade).
- .15 \_\_\_\_\_ Task organizes the convoy according to the specific mission and situation using a transport element, a security and escort element, support elements, and a command and control element.
- .16 \_\_\_\_\_ Determines the march order. (KI)
- .17 \_\_\_\_\_ Evaluates the effects of weather and astronomical data on both friendly and enemy forces, e.g., ambient light levels, trafficability, etc.
- .18 \_\_\_\_\_ Conducts initial staff orientation.

- .19 \_\_\_\_\_ Issues convoy commander's planning guidance; e.g., security requirements, routes, halts, etc.
- .20 \_\_\_\_\_ Issues a warning order which contains as much available information as will allow for preliminary planning, required movement, and rehearsals by subordinate units.
- .21 \_\_\_\_\_ Develops courses of action and estimates of supportability.
- .22 \_\_\_\_\_ Estimates the rates of advance afforded by each route.
- .23 \_\_\_\_\_ Makes convoy commander's estimate and decision, and formulates a concept of operation.
- .24 \_\_\_\_\_ Plans a route(s), prescribes a rate of speed, assembly areas, schedule of events, order of march, maximum catch up speeds, intervals between vehicles and units.
- .25 \_\_\_\_\_ Coordinates a detailed fire support plan with request procedures for all available assets to include mortars, artillery, NGF, and air; and allocates priority of fires to the lead elements.
- .26 \_\_\_\_\_ Designates control measures such as phaselines and checkpoints that ensure the coordinated movement of units, supplies and equipment, and responsiveness of supporting fires and safety of personnel. (KI)
- .27 \_\_\_\_\_ Coordinates procedures to allow for timely updates on the threat and weather while enroute to the objective area.
- .28 \_\_\_\_\_ Determines the probability of contact based on METT-T updates.
- .29 \_\_\_\_\_ Identifies any required engineer effort to include bridging, and prepares plans to ensure the free movement through or around obstacles.
- .30 \_\_\_\_\_ Requests air support to include close air, aerial reconnaissance, and aerial retransmission.
- .31 \_\_\_\_\_ Coordinates communications and signals, and specifies alternate means of communications. (KI)
- .32 \_\_\_\_\_ Plans redundancy in communications.

ENCLOSURE (1)

- .33 \_\_\_\_\_ Considers use of tactical deception in the planning, preparation, and execution of the movement in ways that would conceal the convoy and deceive the enemy as to destination, route, and defensive capabilities.
- .34 \_\_\_\_\_ Conducts liaison and coordination with the ACE and supported unit, participating units, unit at destination, units enroute, and other supporting units.
- .35 \_\_\_\_\_ Directs the integration of both active and passive security measures at all echelons.
- .36 \_\_\_\_\_ Ensures that security procedures comply with rules of engagement (ROE) and provide for the security of friendly forces.
- .37 \_\_\_\_\_ Plans for the deployment of security forces to provide early warning and a reaction force to enemy attack.
- .38 \_\_\_\_\_ Develops plan for actions on enemy contact (ambush, indirect fire, air attack, NBC attack, meeting engagement), actions at halts, and establishes engagement criteria; i.e., size, type and activity, and a policy on reconnaissance by fire, if different from procedures contained in the unit SOP.
- .39 \_\_\_\_\_ Considers the use of smoke to screen or obscure movement.
- .40 \_\_\_\_\_ Establishes air defense priorities and procedures; i.e., employment of air guards, air attack warning signals, areas of scan, etc.
- .41 \_\_\_\_\_ Ensures air defense coverage is planned in depth and coordinated for entire convoy route.
- .42 \_\_\_\_\_ Identifies navigation aids (NAVAIDS) to be used to assist in the movement; e.g., GPS, chemical lights, infrared lights and guides.
- .43 \_\_\_\_\_ Prepares strip maps which identify critical points, danger areas, distances between critical points, mileage ticks on the route, start point (SP), release point (RP), order of march, maximum catch-up speed, intervals between vehicles and units, and control measures.

- .44 \_\_\_\_\_ Develops contingency plans for crossing danger areas, downed aircraft enroute, destroyed or damaged vehicles, and mass casualties. (KI)
- .45 \_\_\_\_\_ Prepares a march order for approval.
- .46 \_\_\_\_\_ Develops a plan that includes vehicle recovery procedures.
- .47 \_\_\_\_\_ Includes specific instructions for personnel/vehicle accountability throughout the convoy route. (KI)
- .48 \_\_\_\_\_ Plans for and requests survival equipment that may be required for arctic, desert, or any other special conditions.
- .49 \_\_\_\_\_ Incorporates required medical support into each convoy.
- .50 \_\_\_\_\_ Plans for the breaching of obstacles along the route.
- .51 \_\_\_\_\_ Develops contingency plans for movement when bridges are encountered that are inadequate.
- .52 \_\_\_\_\_ Ensures bridges are rated or evaluated for strength, before crossing.
- .53 \_\_\_\_\_ Ensures procedures for requesting planned fire support are coordinated.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

#### MARCH ORDER

Motor transport convoys are organized with a head, main body (serials), and trail. A motor march is composed of a transport element and a security element, which is positioned throughout the convoy to respond to various contingencies.

#### CONTROL MEASURES

Distance, time, rate of movement, orderliness, and security are controlled by measures as shown:

ENCLOSURE (1)

1. Any critical points are identified.
2. Halts are planned.
3. Interval is established.
4. March rate is set according to the threat and respective need for speed, control and/or security. Types of vehicles in the convoy will have a major influence on the rate of march, especially in mountains or on restrictive type roads.
5. Checkpoints are established at easily recognizable terrain features or landmarks for the purpose of keeping track of convoy progress.
6. Phaselines (which may be independent of or the same as some checkpoints) are established to further aid in organizing the motor march. Fire support, security watch levels, servicing, recovery, changes in march rate due to changes in road types, etc. are some of the reasons for establishment of phaselines.

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**TASK: 13B.8.3 CONVOY PREPARATION**

**CONDITION(S):** Planning is completed and the movement order is ready for issue.

**STANDARDS: EVAL: Y; N; NE**

- .1 \_\_\_\_\_ Conducts a detailed briefing on the plan/order to all key subordinates, to include unscheduled halts and emergency actions to be taken.
- .2 \_\_\_\_\_ Utilizes a terrain model, sketch, or other training aids when briefing the order.
- .3 \_\_\_\_\_ Allows an opportunity for questions.
- .4 \_\_\_\_\_ Assigns sufficient key personnel to ensure adequate command and control. (KI)

ENCLOSURE (1)

- .5 \_\_\_\_\_ Briefs all drivers, prior to the movement, on the situation and actions to take at the various critical points and location of key leaders. (KI)
- .6 \_\_\_\_\_ Ensures a thorough understanding of critical signals.
- .7 \_\_\_\_\_ Forms up according to the march order.
- .8 \_\_\_\_\_ Maintains dispersion and irregularity of formation.
- .9 \_\_\_\_\_ Ensures that time spent in the staging area is minimal. (KI)
- .10 \_\_\_\_\_ Establishes local security, to include air defense.
- .11 \_\_\_\_\_ Rehearses major actions with all units and personnel participating; e.g., immediate action drills, nighttime movement, actions at danger areas, and air defense drills.
- .12 \_\_\_\_\_ Ensures drivers are prepared for driving under any special road conditions required; i.e., ice, snow, sand, mud, fording and difficult terrain; and for vehicle recovery in sand, mud, and snow.
- .13 \_\_\_\_\_ Issues ammunition and special equipment, and conducts pre-operation maintenance checks on convoy equipment and vehicles.
- .14 \_\_\_\_\_ Provides ample time for performance of final maintenance (no mechanically defective vehicles are sent).
- .15 \_\_\_\_\_ Conducts final inspections of all personnel and equipment to ensure prescribed items are available, serviceable, carried correctly, and all personnel understand all required aspects of the mission.
- .16 \_\_\_\_\_ Inspects loads.
- .17 \_\_\_\_\_ Conducts final brief for key personnel to include a ZIPPO (Zone Inspection Planning, Preparation, and Operation) brief for pilots if helicopters are involved in the convoy.

EVALUATOR INSTRUCTIONS: If existing SOP's or the previously issued operation order annexes provide the necessary convoy movement details, the movement order can be issued verbally or as a fragmentary order. Otherwise, all details of the movement must be issued originally in the movement order.

KEY INDICATORS:

KEY PERSONNEL

Key personnel consist of the following:

1. Convoy commander
2. Advance Officer/NCO
3. Advance Party
4. Pace Setter
5. Trail Officer
6. Trail Maintenance Officer/NCO
7. Other personnel as required (Security Element Commander)

BRIEFS ALL CONVOY PERSONNEL

Briefing should include:

1. Situation
2. Introduction and location of all key personnel to include leaders, corpsmen, and Maintenance Officer/NCO.
3. Maps that have been marked and supplemented, if necessary, by strip maps with pick up or delivery points, and identity of individuals to report to.
4. Destination
5. Road and weather conditions, and forecast for the time of the convoy.
6. Route

ENCLOSURE (1)

7. Rate of march
8. Interval
9. Radio frequencies
10. Signals
11. Planned halts
12. Final brief on breakdowns, ambush/air attack, and mines and booby traps.
13. Other special instructions.

#### TIME SPENT IN STAGING AREA

Allow 30 minutes per 20 vehicles up to 2 hours maximum.

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#### TASK: 13B.8.4 CONDUCT OF THE MARCH

CONDITION(S): The MWSS has completed convoy planning and is conducting convoy operations. While executing the planned convoy, the column is forced to halt due to a road or traffic condition.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Begins convoy on time, at a start point previously designated in the order.
- .2 \_\_\_\_\_ Conducts drills for immediate action, actions at danger areas, and air defense.
- .3 \_\_\_\_\_ Conducts fording operations.
- .4 \_\_\_\_\_ Conducts halts, both planned and unscheduled. (KI)
- .5 \_\_\_\_\_ Uses designated checkpoints enroute.
- .6 \_\_\_\_\_ Ensures convoy commander and security element leaders are able, upon request, to provide their location by a six-digit grid coordinate within 60 seconds.

ENCLOSURE (1)

- .7 \_\_\_\_\_ Maintains covered communications on those nets designated as covered throughout movement, if required.
- .8 \_\_\_\_\_ Uses tactical deception measures that conceal or deceive the enemy as to destination, route, and defensive capabilities.
- .9 \_\_\_\_\_ Maintains vehicle interval as briefed and according to the column movement designated at the briefing or as changes in the tactical situation require.
- .10 \_\_\_\_\_ Take appropriate action in case of accidents, disabled vehicles, traffic at critical points, etc.
- .11 \_\_\_\_\_ Demonstrates the ability to recover vehicles under any road conditions; e.g., sand, mud, ice.
- .12 \_\_\_\_\_ Demonstrates the ability to control the convoy by using appropriate signals.
- .13 \_\_\_\_\_ Execute immediate action if attacked, as briefed and rehearsed.
- .14 \_\_\_\_\_ Maintains the schedule set forth in the convoy brief.
- .15 \_\_\_\_\_ Reports progress of convoy to the MWSS operations center.
- .16 \_\_\_\_\_ Ensures guides lead their elements from the release point(s) to their unloading areas.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

#### HALTS

1. Halts must be planned for at the appropriate time and place. Drivers must not dismount until directed. The locations must offer:
  - a. An area large enough to accommodate the convoy and still allow for the same dispersion provided by the march interval.

ENCLOSURE (1)

- b. Provide cover, concealment, and adequate security to the extent the route offers it.
  - c. Unscheduled halts:
    - (1) Lead element reports the road restriction to the convoy commander who alerts the march column.
    - (2) Column stops while maintaining vehicle interval and security.
    - (3) Convoy commander reports the halt to the battalion or highway control headquarters, while subordinate leaders insure that drivers remain alert for immediate resumption of march.
    - (4) When restriction is removed, each march element reports by radio/signal its resumption of march.
    - (5) Establish security before all else.
      - (a) Air guards.
      - (b) Flank, forward, and rear security.
      - (c) Forward and rear point security of the route.
      - (d) Alert condition prescribed by convoy commander for duration of halt.
      - (e) Drivers and assistant drivers must take all designated defensive measures.
    - (6) Activities at the halt should include:
      - (a) Accounting and reorganizing.
      - (b) 1st echelon maintenance (refueling, oil, water, tires, etc.).
      - (c) Driver comfort (rest, relief, messing, etc.).
    - (7) Schedule adjustment.
    - (8) Serials should never rest together.
- 

ENCLOSURE (1)

TASK: 13B.8.5 CONDUCT NIGHT MARCH

CONDITION(S): The MWSS is tasked to support the ACE by moving personnel and materiel to a forward area during night. The astronomical report indicates there will be no moon. The size and organization of the convoy is prescribed by the following minimums to simulate a larger convoy covering a longer route. The convoy will move over a distance of at least 10 miles on unimproved roads. The column moves under blackout conditions and will be one serial of at least ten medium and light trucks, not counting any escort vehicles. Assume that at some point in the route, the convoy has traveled a sufficient distance to make a planned halt necessary. During the march enemy contact is possible. Accordingly, the MAGTF commander has made certain fire support assets available to support the convoy, if required.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Begins convoy on time at a start point previously designated in the brief.
- .2 \_\_\_\_\_ Conducts immediate action, actions at danger areas, and air defense.  
Ensures all convoy members receive refresher training and rehearsal in night security, and night defensive techniques.
- .3 \_\_\_\_\_ Ensures procedures for requesting planned fire support are coordinated.
- .4 \_\_\_\_\_ Directs maximum use of night vision goggles (NVG's).
- .5 \_\_\_\_\_ Operates with blackout lights forward of the light line.
- .6 \_\_\_\_\_ Verifies bridge ratings for strength before crossing.
- .7 \_\_\_\_\_ Uses alternate routes when bridge conditions are not safe.
- .8 \_\_\_\_\_ Maintains dispersion of 10 meters between vehicles, unless ambient illumination allows more space, or NVG's are available. (KI)
- .9 \_\_\_\_\_ Maintains a minimum march rate of 5 mph, unless NVG's are available.

ENCLOSURE (1)

- .10 \_\_\_\_\_ Maintains a minimum march rate of 40 mph with NVG's on hard surface roads and 20 mph on unimproved road according to conditions. (KI)
- .11 \_\_\_\_\_ Uses designated checkpoints enroute.
- .12 \_\_\_\_\_ Reports progress of convoy, as required.
- .13 \_\_\_\_\_ Conducts halts both planned and unscheduled.
- .14 \_\_\_\_\_ Demonstrates the ability to control the convoy by using appropriate signals.
- .15 \_\_\_\_\_ Ensures convoy commander and security element leaders are able to provide their location by a six digit grid coordinate within 1 minute.
- .16 \_\_\_\_\_ Maintains covered communications as required on those nets so designated throughout movement.
- .17 \_\_\_\_\_ Uses tactical deception measures that conceal or deceive the enemy as to destination, route, and defensive capabilities.
- .18 \_\_\_\_\_ Demonstrates drivers ability to drive under any special road conditions.
- .19 \_\_\_\_\_ Take appropriate action in case of accidents, disabled vehicles, or traffic at critical points.
- .20 \_\_\_\_\_ Demonstrates the ability to recover vehicles under any road conditions; e.g., sand, mud, or ice.
- .21 \_\_\_\_\_ Adheres to the schedule set forth in the convoy brief.
- .22 \_\_\_\_\_ Ensures guides lead their elements at critical points, from the release point(s) to their unloading areas, and while enroute to avoid possible confusion.
- .23 \_\_\_\_\_ Maintains noise and light discipline. (KI)
- .24 \_\_\_\_\_ Demonstrates vehicle and personnel accountability. (KI)

ENCLOSURE (1)

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#### EVALUATOR INSTRUCTIONS:

#### KEY INDICATORS:

##### 10 METER INTERVAL

The 10 meter interval, a very closed column is used to keep control. At danger areas the 10 meter interval would have to be adjusted. Planning should have identified danger areas, and actions at danger areas should be rehearsed. See Key Indicator, Contingency Plans At Danger Areas under task 6C.2.1 Convoy Planning, MCO 3501.7A (Part 1).

##### LIGHT DISCIPLINE

Driver training should include a review of vehicle light switches, so that no breaches of light discipline occur inadvertently by lack of understanding of how to use them. Ensure NVG's are removed if an order is issued to turn on lights.

##### ACCOUNTABILITY

Strict control must be maintained over convoy personnel, especially at halts and after arriving at forward destinations, when personnel may tend to relax their discipline and vigilance.

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#### TASK: 13B.8.6 TAKE ACTION TO MINIMIZE EFFECTS OF AMBUSH

CONDITION(S): The MWSS is supporting the ACE with a movement of personnel and materiel along a route where enemy contact is possible. The following steps are taken to minimize the effects of any attack that might take place.

ENCLOSURE (1)

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Keeps maximum dispersion (up to 100 meters) that conditions allow, but still maintains control.
- .2 \_\_\_\_\_ Spaces prime targets throughout the convoy.
- .3 \_\_\_\_\_ Hardens vehicles.
- .4 \_\_\_\_\_ Camouflages vehicles.
- .5 \_\_\_\_\_ Conceals loads.
- .6 \_\_\_\_\_ Assigns assistant drivers who, like drivers, are armed with T/O weapon as briefed.
- .7 \_\_\_\_\_ Ensures security element is properly employed to provide early warning.
- .8 \_\_\_\_\_ Assigns, rotates, and supervises airguards.
- .9 \_\_\_\_\_ Practices immediate action drills.
- .10 \_\_\_\_\_ Wears body armor and helmet.
- .11 \_\_\_\_\_ Carries required NBC individual/vehicle issue as briefed.
- .12 \_\_\_\_\_ Uses prearranged signals to warn the convoy of an ambush.
- .13 \_\_\_\_\_ Uses escort vehicles.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

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ENCLOSURE (1)

TASK: 13B.8.7 AIR DEFENSE

CONDITION(S): The MWSS is conducting tactical convoy operations. The enemy has high performance fixed-wing and attack-helicopter capability. MAGTF air defense assets are available to the convoy commander, if requested.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_ Requests air defense support.
- .2 \_\_\_\_ Designates air guards.
- .3 \_\_\_\_ Gives the alarm in the event of an attack.
- .4 \_\_\_\_ Takes immediate evasive action. (KI)
- .5 \_\_\_\_ Concentrates a heavy volume of fire on attacking aircraft.
- .6 \_\_\_\_ Describes firing techniques for engaging aircraft. (KI)

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

IMMEDIATE ACTION FOR AN AIR ATTACK

The first principle of camouflage is movement. Ability of the unit to detect approaching aircraft is critical. The mere act of pulling over and stopping does more to keep the vehicles from being detected by aircraft than any other step that could be taken. But without seeing an approaching aircraft first the unit has no way of reacting. Airguards are important and must stay motivated and alert. Fifteen minute shifts are the recommended maximum period of concentration that can be expected from airguards.

FIRING TECHNIQUES

1. Aim for the nose of approaching aircraft.

ENCLOSURE (1)

2. Lead crossing aircraft (high performance jet aircraft by 9 aircraft lengths).
3. Mounted weapons aim slightly high.

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**TASK: 13B.8.8 ESTABLISH A TACTICAL MOTOR POOL**

**CONDITION(S):** The FOB is established and combat operations are being conducted. Displacement from the FOB is not likely for 6 months.

**STANDARDS: EVAL: Y; N; NE**

- .1 \_\_\_\_\_ Designates adequate space for parking, maintenance, and storage of supplies.
- .2 \_\_\_\_\_ Vehicles are parked to afford easy egress.
- .3 \_\_\_\_\_ Includes in SOP a priority of evacuation for equipment.
- .4 \_\_\_\_\_ Establishes a traffic pattern within the motor pool that allows for unimpeded flow of vehicles and easy access to facilities.
- .5 \_\_\_\_\_ Designates special parking areas for fuel and ammunition vehicles.
- .6 \_\_\_\_\_ Ensures physical security of equipment, tools, and supplies.

**EVALUATOR INSTRUCTIONS:** None.

**KEY INDICATORS:**

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ENCLOSURE (1)

13B.9 MESSING SERVICES

TASK: 13B.9.1 PLAN MESSING SUPPORT

CONDITION(S): The MWSS has been assigned the mission of providing the ACE with messing services within the FOB. Operations are expected to be 6 months in duration. Three (3) hot meals plus midrats are required. Supplemental rations will be available on a 24 hours a day basis. Field Mess will be supported by "B" rations, tray packs and host nation ration supplements. The MWSS has begun messing support planning.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Analyzes the mission and available information to identify ACE messing requirements.
- .2 \_\_\_\_\_ Gathers information from the ACE G/S-1 concerning the number of personnel to be fed.
- .3 \_\_\_\_\_ Identifies food service personnel augmentation requirements from supported units.
- .4 \_\_\_\_\_ Develops messing plan that satisfies ACE messing requirements (may include provisions for integrating available host nation food service capabilities).
- .5 \_\_\_\_\_ Coordinates the use of MRE's as a secondary source of subsistence in the FOB.
- .6 \_\_\_\_\_ Develops and submits recommended messing hours to the ACE S\G-4.
- .7 \_\_\_\_\_ Identifies engineer support requirements to include mobile electric power, water, and refrigeration requirements.
- .8 \_\_\_\_\_ Identifies motor transport requirements.
- .9 \_\_\_\_\_ Submits recommendation on the location of field mess.
- .10 \_\_\_\_\_ Submits request for the Basic Daily Food Allowance (BDFA).
- .11 \_\_\_\_\_ Assigns in writing a Dining Facility Officer.

ENCLOSURE (1)

- .12 \_\_\_\_\_ Coordinates "A" ration supplements and "B" ration requirements.
- .13 \_\_\_\_\_ Plans for subsistence resupply.
- .14 \_\_\_\_\_ Plans for the timely removal of messing facility waste.
- .15 \_\_\_\_\_ Arranges with Preventive Medicine Technicians (PMT's) to conduct periodic messing facility sanitation inspections.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

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**TASK: 13B.9.2 PROVIDE MESSING SUPPORT**

CONDITION(S): The ACE is conducting operations from the FOB. Elements of ACE have arrived and the MWSS is establishing a messing facility.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Establishes messing facility.
- .2 \_\_\_\_\_ Ensures cleanliness and health standards are observed to include hand washing, mess physicals, etc.
- .3 \_\_\_\_\_ Provides messing services.
- .4 \_\_\_\_\_ Ensures that resupply of "A" ration supplements and "B" rations are accomplished as planned.
- .5 \_\_\_\_\_ Ensures that an end of the quarter subsistence inventory is conducted.
- .6 \_\_\_\_\_ Returns all unused Class I (rations) as directed in the MAGTF operations order.
- .7 \_\_\_\_\_ Ensures sales of meals and control of dining facility funds are accounted for.

ENCLOSURE (1)

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EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

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13B.10 MEDICAL SERVICES

TASK: 13B.10.1 PLAN FOR HEALTH SERVICES

CONDITION(S): The MWSS has begun health services planning in preparation for operations ashore.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Participates in all stages of operational planning.  
(KI)
- .2 \_\_\_\_\_ Requests medical intelligence on the ACE area of operations to include available resources both at the FOB and in the general region.
- .3 \_\_\_\_\_ Provides medical input to the AGS estimate of supportability.
- .4 \_\_\_\_\_ Reviews the provisions contained in the health services SOP in relation to the assigned mission and makes changes where required. (KI)
- .5 \_\_\_\_\_ Develops the plan for casualty overload at medical treatment facilities.
- .6 \_\_\_\_\_ Coordinates supportability of mass casualty treatment and evacuation plan with ACE Medical Officer/Flight Surgeon.
- .7 \_\_\_\_\_ Maintains information on available medical evacuation assets and facilities.
- .8 \_\_\_\_\_ Provides the ACE G/S-4 with an estimate of dental requirements.
- .9 \_\_\_\_\_ Evaluate self aid and buddy aid refresher training for MWSS personnel.

ENCLOSURE (1)

Reviews procedures for the displacement of medical units ashore, and conducts, at a minimum, a staff rehearsal of movement plans.

- .10 \_\_\_\_\_ Plans provisions for handling mass casualties.
- .11 \_\_\_\_\_ Plans for the establishment and operation of medical evacuation stations to perform triage functions.
- .12 \_\_\_\_\_ Develops a plan for liquid blood supply in coordination with ACE G/S-4.
- .13 \_\_\_\_\_ Executes casualty reporting procedures, as directed.
- .14 \_\_\_\_\_ Identifies communications requirements for medical support operations.
- .15 \_\_\_\_\_ Identifies engineering requirements for medical support operations (to include refrigeration/utilities support).
- .16 \_\_\_\_\_ Plans for, supervises, and coordinates preventive measures for the control of disease.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

#### HEALTH SERVICES PLANNING

The MWSS medical element participates, in coordination with ACE medical planners, in health services planning during the initial stages and throughout the planning phase. In addition to the routine staff concerns discussed in FMFM 3-1, Command and Staff Action, planning includes requesting and using medical intelligence resources and having knowledge of external medical support capabilities; i.e., from the host nation and other services.

#### HEALTH SERVICES SOP

The medical SOP should include sections on:

1. Training of combat troops in self aid and buddy aid.

ENCLOSURE (1)

2. Training of medical personnel with assigned areas.
  3. Litter team training and plan for acquisition of litter teams during combat.
  4. Functional area cross training in casualty overload situations.
  5. Medical support facility movement, establishment, operation, and displacement.
  6. Plan for medical evacuation.
  7. Casualty overload and mass casualty procedures.
  8. Area security procedures and combat skills.
  9. Security and accountability of narcotics, controlled substances, and other controlled items.
  10. Procedures for class VIII resupply.
  11. Plan for liquid/frozen blood requirements.
  12. Medical communications requirements.
  13. Sanitation and preventive medicine.
  14. Supervision of care delivered by corpsmen.
  15. Procedures for reporting friendly casualties.
  16. Procedures for EPW casualties (intelligence, security, etc.).
  17. Procedures for civilian casualties.
  18. Plan for emergency retrograde.
  19. Provisions for NBC warfare regarding treatment of contaminated casualties.
  20. Pre-employment medical/dental checklist to ensure unit readiness.
-

## TASK: 13B.10.2 PROVIDE HEALTH SERVICES

CONDITION(S): The MWSS has established a squadron aid station. The aid station forms the primary medical facility of the FOB. In addition to routine sick call, the aid station provides aviation medicine, preventive medicine, laboratory, X-ray, and pharmacy services.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Establishes medical elements at the FOB.
- .2 \_\_\_\_\_ Maintains internal patient flow and accountability.
- .3 \_\_\_\_\_ Ensures that during casualty processing, individual NBC defense equipment remains with the casualty unless it requires decontamination.
- .4 \_\_\_\_\_ Coordinates local security for the squadron aid station.
- .5 \_\_\_\_\_ Ensures that external markings required by the Geneva conventions are present and appropriately displayed on all medical assets and personnel as directed by the ACE commander.
- .6 \_\_\_\_\_ Disperses equipment and tentage adequately.
- .7 \_\_\_\_\_ Determines requirements and coordinates the collection and disposal of medical waste, including blood, and body parts with the ACE G/S-4.
- .8 \_\_\_\_\_ Reviews MAGTF operation order and SOP's for all medical sections.
- .9 \_\_\_\_\_ Coordinates effective casualty reporting with the ACE G/S-1.
- .10 \_\_\_\_\_ Demonstrates the handling of a casualty contaminated by a chemical agent with assistance of decontamination teams.
- .11 \_\_\_\_\_ Ensures that a mass casualty plan as prescribed in the MAGTF operation order is rehearsed.
- .12 \_\_\_\_\_ Coordinates an adequate water supply to support medical operations.

ENCLOSURE (1)

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- .13 \_\_\_\_\_ Coordinates to ensure water quality minimum standards are met.
- .14 \_\_\_\_\_ Ensures established medical evacuation procedures are adhered to.
- .15 \_\_\_\_\_ Demonstrates the ability of the medical element to relocate while maintaining essential support.
- .16 \_\_\_\_\_ Ensures priority of treatment for patients based primarily on urgent medical reasons not on patient's status as a friendly or enemy casualty.
- .17 \_\_\_\_\_ Provides procedures for and demonstrates adequate documentation of casualty treatment as the basis for quality assurance (QA) evaluation of patient care.
- .18 \_\_\_\_\_ Coordinates emergency dental support with the ACE Medical Officer/Flight Surgeon.
- .19 \_\_\_\_\_ Coordinate the presence of medical personnel within the FOB processing area for medical screening, delousing, and weight checking.
- .20 \_\_\_\_\_ Coordinates with military police to arrange for evacuation and treatment of stragglers who are injured or disoriented.
- .21 \_\_\_\_\_ Coordinates with ACE planner the use of transport and lifts of opportunity for medical evacuations (both routine and emergency).

EVALUATOR INSTRUCTIONS: Direct an electrical power failure to test the electrical power failure plan. Simulate a chemical attack to observe decontamination procedures for medical personnel and casualties.

KEY INDICATORS: None.

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ENCLOSURE (1)

## TASK: 13B.10.3 MEDICAL SUPPLY

CONDITION(S): The MWSS has established a squadron aid station. The aid station forms the primary medical facility of the FOB. In addition to routine sick call, the aid station provides aviation medicine, preventive medicine, laboratory, X-ray, and pharmacy services.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Ensures sufficient quantity of medical supplies are maintained at the squadron aid station to anticipate medical case load.
- .2 \_\_\_\_\_ Establishes procedures to effect resupply.
- .3 \_\_\_\_\_ Identifies critical supplies.
- .4 \_\_\_\_\_ Establishes stock objectives/levels for all medical items including critical items.
- .5 \_\_\_\_\_ Maintains prescribed stockage objectives for all medical supplies.
- .6 \_\_\_\_\_ Ensure stocks of medical supplies and equipment to be used in the event of mass casualties are identified and/or established.
- .7 \_\_\_\_\_ Maintains records and other documents for accountability of narcotic and other controlled substances.
- .8 \_\_\_\_\_ Safeguards drugs and controlled substances against loss, pilferage, and spoilage.
- .9 \_\_\_\_\_ Follows established emergency blood resupply storage and distribution, and donor control procedures.
- .10 \_\_\_\_\_ Provides corrective and preventive maintenance of medical equipment in the field by following procedures established for such.
- .11 \_\_\_\_\_ Coordinates Biomedical repair support.
- .12 \_\_\_\_\_ Safeguards medical supplies and equipment against weather damage/environmental factors.

ENCLOSURE (1)

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.13 \_\_\_\_\_ Establish procedures for the disposal of medical waste.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

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**TASK: 13B.10.4 OPERATE A LABORATORY**

CONDITION(S): The MWSS has established a squadron aid station. The aid station forms the primary medical facility of the FOB. In addition to routine sick call, the aid station provides aviation medicine, preventive medicine, laboratory, X-ray, and pharmacy services.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Sets up laboratory equipment and determines its serviceability.
- .2 \_\_\_\_\_ Ensures reagents and other consumables for performing all necessary laboratory procedures are present and in serviceable condition.
- .3 \_\_\_\_\_ Performs type and cross-match, CBC, differential, urinalysis, hematocrits, basic chemistries (technician test and a standard specimen).
- .4 \_\_\_\_\_ Prepacks laboratory supplies and equipment, and prepares for movement in a timely manner.
- .5 \_\_\_\_\_ Establishes and follows procedures for flow of specimens and reporting of laboratory results.
- .6 \_\_\_\_\_ Provides for ongoing training and education for laboratory personnel.

ENCLOSURE (1)

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

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**TASK: 13B.10.5 PROVIDE X-RAY CAPABILITY**

CONDITION(S): The MWSS has established a squadron aid station. The aid station forms the primary medical facility of the FOB. In addition to routine sick call, the aid station provides aviation medicine, preventive medicine, laboratory, X-ray, and pharmacy services.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_ Sets up an operational x-ray machine.
- .2 \_\_\_\_ Sets up darkroom and provides complete shield from external light sources.
- .3 \_\_\_\_ Ensures developer reagents are on hand in adequate quantities and are serviceable.
- .4 \_\_\_\_ Provides adequate clarity and resolution in film development.
- .5 \_\_\_\_ Sets up an adequate radiation shield.
- .6 \_\_\_\_ Ensures radiation exposure badges are worn by all x-ray personnel.
- .7 \_\_\_\_ Inspects exposed film on hand for satisfactory quality of x-rays.
- .8 \_\_\_\_ Demonstrates shooting and developing of a satisfactory x-ray.
- .9 \_\_\_\_ Demonstrates the ability to repack the equipment and consumables correctly.
- .10 \_\_\_\_ Coordinates with the ACE G/S-4 and to establish and develop solution disposal sites and procedures.

ENCLOSURE (1)

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- .11 \_\_\_\_\_ Sets up procedures governing patient flow, x-ray results, film filing, and record keeping.
- .12 \_\_\_\_\_ Provides for ongoing training and education for X-ray personnel.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

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**TASK: 13B.10.6 OPERATE A PHARMACY**

CONDITION(S): The MWSS has established a squadron aid station. The aid station forms the primary medical facility of the FOB. In addition to routine sick call, the aid station provides aviation medicine, preventive medicine, laboratory, X-ray, and pharmacy services.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Sets up a pharmacy and dispenses medications contained in the pharmacy AMAL.
- .2 \_\_\_\_\_ Ensures all medications for issue are within current expiration dates.
- .3 \_\_\_\_\_ Provides accountability and security for narcotics and controlled drugs per current directives and unit SOP.
- .4 \_\_\_\_\_ Coordinates with the ACE G/S-4 to ensure all medications are appropriately packaged and stored to withstand temperature extremes during transport and field storage.
- .5 \_\_\_\_\_ Ensures any expired medications are properly surveyed and destroyed.
- .6 \_\_\_\_\_ Ensures all medications issued are properly labeled.
- .7 \_\_\_\_\_ Provides for ongoing training and education for pharmacy personnel.

ENCLOSURE (1)

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

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**TASK: 13B.10.7 PROVIDE PATIENT STABILIZATION AND TEMPORARY PATIENT CARE**

CONDITION(S): The MWSS has established a squadron aid station. The aid station forms the primary medical facility of the FOB. In addition to routine sick call, the aid station provides aviation medicine, preventive medicine, laboratory, X-ray, and pharmacy services.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Demonstrates the ability to monitor vital signs.
- .2 \_\_\_\_\_ Demonstrates the drawing of blood, and starting and maintaining IV's, etc.
- .3 \_\_\_\_\_ Demonstrates the ability to perform basic and advance lifesaving.
- .4 \_\_\_\_\_ Maintains a capability to man and operate the ward on a 24 hour a day basis.
- .5 \_\_\_\_\_ Maintains required patient treatment records and submits required medical reports.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

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ENCLOSURE (1)

**TASK: 13B.10.8 FIELD PREVENTIVE MEDICINE**

CONDITION(S): The MWSS has established a squadron aid station. The aid station forms the primary medical facility of the FOB. In addition to routine sick call, the aid station provides aviation medicine, preventive medicine, laboratory, X-ray, and pharmacy services.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Assesses the potential for environmental health risks aboard the FOB.
- .2 \_\_\_\_\_ Maintains a field preventive medicine program.
- .3 \_\_\_\_\_ Task organizes personnel and equipment to field preventive medicine operations.
- .4 \_\_\_\_\_ Maintains proper sanitation at field laundry, shower points, and field heads. (KI)
- .5 \_\_\_\_\_ Inspects habitability.
- .6 \_\_\_\_\_ Ensures food service sanitation.
- .7 \_\_\_\_\_ Ensures effective pest control.
- .8 \_\_\_\_\_ Requests technical medical supplies.
- .9 \_\_\_\_\_ Requests preventive medical supplies.
- .10 \_\_\_\_\_ In coordination with the ACE G/S-2, disseminates medical intelligence information to subordinate units.
- .11 \_\_\_\_\_ Continues to update required inoculations.

EVALUATOR INSTRUCTIONS: In the event that the training environment does not permit the actual practice of field preventive medicine, the preventive medicine technician should thoroughly describe what he or she would do in the above situation to plan, implement and manage a field preventive medicine program using the above standards as guidelines.

ENCLOSURE (1)

## KEY INDICATORS:

## FIELD SANITATION MAINTENANCE

To maintain proper sanitation at shower points, the following should be accomplished:

1. Disinfect decking with an approved disinfectant at least once a week.
2. Maintain shower and dressing tents in a good state of police; i.e., free of trash and clutter.
3. Post signs cautioning personnel not to brush teeth while in the shower.
4. Roll up tent sides daily to air out shower and dressing areas.

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**TASK: 13B.10.9 PROVIDE AVIATION MEDICINE SERVICES**

CONDITION(S): The MWSS has established a squadron aid station. The aid station forms the primary medical facility of the FOB. In addition to routine sick call, the aid station provides aviation medicine, preventive medicine, laboratory, X-ray, and pharmacy services.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_ Sets up and establishes facility.
- .2 \_\_\_\_ Ensures that all necessary aviation medicine chits, equipment and medications are present.
- .3 \_\_\_\_ Provides for ongoing training and education of personnel in aviation specific medical areas.
- .4 \_\_\_\_ Provides for adequate resupply.
- .5 \_\_\_\_ Establishes procedures and guidelines for aviation physicals and aviation sick call.

ENCLOSURE (1)

- .6 \_\_\_\_\_ Conducts flight physicals and specialty physicals.
- .7 \_\_\_\_\_ Assists with aircraft mishap investigations.
- .8 \_\_\_\_\_ Maintains AMAL 699 (military sick call), AMAL 698 (female supplements) as required and AMAL's 635/636 (aid station).

EVALUATOR INSTRUCTIONS: In the event that the training environment does not permit the actual practice of aviation medicine services, the medical technician should thoroughly describe what he or she would do in the above situation to plan, implement and manage an aviation medicine program using the above standards as guidelines.

KEY INDICATORS:

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### 13B.11 SECURITY SUPPORT

#### TASK: 13B.11.1 PLAN SECURITY SUPPORT

CONDITION(S): The MWSS has received a warning order directing it to prepare plans to support combat operations. The hostile forces have direct and indirect fire weapons capabilities, fixed and rotary-wing aircraft, armor, EW capability, and other assets normally possessed by a hostile foreign power. The operation is being conducted at the request of the host nation's government. The MWSS has begun security support planning. Minimal support is anticipated from any other elements of the MAGTF. The MWSS has begun military police security support planning.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Requests intelligence and combat information on the enemy, perceived threat in the rear areas, area of operations, and weather.
- .2 \_\_\_\_\_ Requests special topographic products which show the road and rail networks, population centers, dams, power plants, and hospitals.

ENCLOSURE (1)

- .3 \_\_\_\_\_ Requests information on disposition of friendly forces within the support areas.
- .4 \_\_\_\_\_ Provides MP input into the MWSS AGS estimate of supportability.
- .5 \_\_\_\_\_ Ensures that the unit SOP contains procedures for the development of MP input for MWSS FOB security plans and orders.
- .6 \_\_\_\_\_ Identifies requirements for security of FOB's.
- .7 \_\_\_\_\_ Identifies requirements for general law and order operations.
- .8 \_\_\_\_\_ Plans logistical needs of MP operations, including POL for vehicles, administrative supplies, and special equipment.
- .9 \_\_\_\_\_ Determines primary and alternate MP communication requirements.
- .10 \_\_\_\_\_ Task organizes MP personnel and equipment to accomplish the security support mission. Determines if personnel/equipment augmentation is required.
- .11 \_\_\_\_\_ Plans for locations of MP security installations that are also tactically sound.
- .12 \_\_\_\_\_ Coordinates security support to ensure a unity of effort.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

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ENCLOSURE (1)

TASK: 13B.11.2 PLAN TRAFFIC CONTROL SUPPORT BETWEEN FORWARD  
OPERATING BASES (FOBS)

CONDITION(S): The ACE has established ashore at two FOB's. The MWSS continues detailed security support planning for ACE operations.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Performs a map reconnaissance, advance route reconnaissance, and/or the use of aerial photographs to identify restricting terrain, bridges, population centers, and other critical features located at or near the FOB.
- .2 \_\_\_\_\_ Determines, with ACE G/S-1 and civil affairs personnel, the expected refugee population and determine the means and methods to prevent interference with military operations.
- .3 \_\_\_\_\_ Participates in the development of the ACE traffic circulation plan, and coordinates the identification of military route numbers, directions of travel, lightlines and blackout signs, classification of routes, and the location of MP traffic control points.
- .4 \_\_\_\_\_ Coordinates with ACE G/S-4 and MAGTF Civil Affairs to arrange for disposition of refugees.
- .5 \_\_\_\_\_ Participates in the development of convoy procedures to ensure movements of vehicles are coordinated, programmed, and monitored from their points of origin to their final destination, e.g., march routes both primary and alternate, size of convoy, communications frequencies, MP support requirements, etc..
- .6 \_\_\_\_\_ Coordinates with the ACE G/S-1 to plan for return of stragglers classified as lost to their commands.
- .7 \_\_\_\_\_ Coordinates with ACE G/S-1 to plan the apprehension and disposition of deserters.
- .8 \_\_\_\_\_ Coordinates with medical division to arrange for evacuation and treatment of stragglers and deserters who are injured.

ENCLOSURE (1)

- .9 \_\_\_\_\_ Ensures procedures for accident reporting and investigating are established and coordinated per unit SOP.
- .10 \_\_\_\_\_ Coordinates with adjacent MP units to ensure that military traffic moves along MSR's smoothly, quickly, and with the least interference.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

---

**TASK: 13B.11.3 PLAN SECURITY SUPPORT FOR FOB**

CONDITION(S): The ACE has established ashore at an FOB. The MWSS continues detailed security support planning for ACE operations.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Coordinates with the tactical security officer (TSO) to ensure the most efficient use of ACE security assets.
- .2 \_\_\_\_\_ Identifies those facilities, units, convoys, LOC critical points and persons that require MP security support.
- .3 \_\_\_\_\_ Plans MP mobile and foot patrols to maintain security of the FOB.
- .4 \_\_\_\_\_ Assists in coordination of a plan for a reaction force capability to include control measures.
- .5 \_\_\_\_\_ Ensures unit SOP provides guidance for FOB security operations.
- .6 \_\_\_\_\_ Identifies personnel and equipment augmentation requirements, including construction materials for temporary holding facilities.

ENCLOSURE (1)

- .7 \_\_\_\_\_ Coordinates access procedures and ensures the movement of civilians and unauthorized personnel in and around the facilities is restricted and controlled. (KI)
- .8 \_\_\_\_\_ Determines the requirements for a surveillance plan.
- .9 \_\_\_\_\_ Ensures that physical security plans are in compliance with current directives. (KI)

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

#### RESTRICTED ACCESS

Restriction and control of defensive area entry and exit procedures are to be rigidly enforced. A system which allows thorough screening and the protection of U.S. personnel and equipment is planned. This system is three tiered at a minimum. The first tier consists of signs which indicate who may enter, and posts the rate of speed for vehicles approaching the checkpoint. The second tier, the trigger position, is where searches are conducted as well as identification is checked. The third tier is where weapons capable of destroying incoming vehicles are located; e.g., AT-4, MK-19, SMAW, and .50 cal machinegun. Special orders for each post are established, and accordingly the last tier has the well defined mission to destroy, immediately, any vehicle passing the checkpoint without proper authorization.

#### PHYSICAL SECURITY MEANS

Physical security specialists must consider all means available in order to devise the most effective plan possible. This includes but is not limited to: Intrusion Detection System, interior guard structuring, night vision devices, lighting, access control, barriers, containers, locks, etc.

---

ENCLOSURE (1)

## TASK: 13B.11.4 PLAN LAW AND ORDER OPERATIONS

CONDITION(S): The ACE has established ashore at an FOB. The MWSS continues detailed security support planning for ACE operations.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Coordinates with local forces, as authorized by the MAGTF commander, to prevent civilian population interference with ACE operations and to facilitate prisoner transfers.
- .2 \_\_\_\_\_ Plans crowd control procedures to include the provision for public address equipment and riot control agents when authorized.
- .3 \_\_\_\_\_ Ensures provisions for the application of force in quelling riots and other disturbances are in accordance with the ROE.
- .4 \_\_\_\_\_ Plans for a law enforcement capability to enforce the laws of war and those orders as established by commanders having the appropriate jurisdiction.
- .5 \_\_\_\_\_ Advises commanders on potential criminal activities, and recommends control measures and resource requirements to carry them out.
- .6 \_\_\_\_\_ Plans for a criminal investigation capability to include the investigation of offenses against U.S. forces or property, and violations of the law of war (war crimes).
- .7 \_\_\_\_\_ Develops crime prevention programs to heighten the awareness of all units of the ACE of the detrimental effects of criminal activities; i.e., sale of illicit drugs, black market operation, theft and pilferage.
- .8 \_\_\_\_\_ Coordinates with ACE G/S-1 for the disposition of all law enforcement reporting to include a military police blotter/incident complaint report/criminal investigation report system and to identify distribution.

ENCLOSURE (1)

- .9 \_\_\_\_\_ Plans in coordination with TSO/ADOC for the use of special reaction team to accomplish mission of riot/disaster control and major incident handling.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

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**TASK: 13B.11.5 CONDUCT TRAFFIC SUPPORT BETWEEN FOBS**

CONDITION(S): The ACE has established ashore at at two FOB's. The FOB's contain several dozen displaced civilians and MAGTF intelligence sources report that small remnants of enemy units (4-5 men each) remain in the vicinity. Civilian traffic has clogged many of the roads between the FOBs. The enemy has direct and indirect fire, both rotary and fixed-wing aircraft, and EW capabilities. The ACE commander has determined that the MP priority of effort will be toward traffic support between the FOB's.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Assists in traffic within and between the FOB's.
- .2 \_\_\_\_\_ Establishes liaison with civilian authorities and implements procedures to preclude/minimize displaced civilian interference with ACE operations.
- .3 \_\_\_\_\_ Establishes mobile patrols on LOC and alternate routes to verify trafficability, identify obstacles, chokepoints, and the level of civilian traffic on these routes.
- .4 \_\_\_\_\_ Establishes and maintains secure communications with mobile patrols on designated nets.
- .5 \_\_\_\_\_ Demonstrates the ability to implement established plan for a reaction force to include control measures.

ENCLOSURE (1)

- .6 \_\_\_\_\_ Develops and implements sufficient access procedures to ensure that the movement of civilians and unauthorized personnel in and around ACE facilities is restricted and controlled.
- .7 \_\_\_\_\_ Implements a surveillance plan, as required.
- .8 \_\_\_\_\_ Implements physical security plans in compliance with current directives.
- .9 \_\_\_\_\_ Develops and implements the traffic support plan as developed and coordinated, and makes recommendations based on changes in the situation, identified problems, and threat.
- .10 \_\_\_\_\_ Properly classifies and processes stragglers. (KI)
- .11 \_\_\_\_\_ Resupplies and supports all traffic control points and MP positions.
- .12 \_\_\_\_\_ Establishes holding areas with regards to tactical and traffic considerations, as directed by higher headquarters. (KI)
- .13 \_\_\_\_\_ Establishes holding areas for vehicles and pedestrians at all check points.
- .14 \_\_\_\_\_ Establishes and ensures vehicle dismount points are positively controlled.
- .15 \_\_\_\_\_ Utilizes aerial reconnaissance assets to collect information on flow of traffic, location of convoys, and surveillance.
- .16 \_\_\_\_\_ Demonstrates the ability to operate on a 24 hour a day basis.
- .17 \_\_\_\_\_ Ensures traffic routes are properly marked.
- .18 \_\_\_\_\_ Regulates the flow of civilian and military traffic according to the traffic control plan, and ensures civilian traffic does not impede ACE operations.
- .19 \_\_\_\_\_ Formulates solutions for the prevention of traffic accidents and provides recommendations to the ACE G/S-4 for the reduction of traffic accidents based on analysis of ACE accident reports.

ENCLOSURE (1)

MCO 3501.17

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

#### STRAGGLER CLASSIFICATION AND PROCESSING

Stragglers are classified and processed as follows: LOST = those individuals separated from their units inadvertently through no fault of their own. Lost personnel are identified, their ID's recorded, and put on transportation back to their parent units. Disoriented/disabled = those individuals separated from their units because of medical condition. Disoriented/disabled personnel are evacuated through medical channels. Deserter = those individuals who have deliberately left their parent unit, as evidenced by discarding of uniforms, weapons and/or equipment, hiding from friendly units or other circumstances equating to probable cause. Deserters are apprehended and detained until they are returned to their parent units for disciplinary action.

#### HOLDING AREAS

Holding areas are designed for the smooth flow of traffic between FOBs in addition to avoiding vulnerability to enemy attack. Considerations must include: soil trafficability, adequate room for vehicular dispersion, concealment, and ensuring that the first vehicle in is the first vehicle out. Holding areas should be used only if rerouting is not possible.

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#### TASK: 13B.11.6 CONDUCT FOB SECURITY OPERATIONS

CONDITION(S): The ACE is ashore and conducting a build up its support at a FOB. Other facilities and areas aboard the FOB are being used to guard EPW's; store ammunition, fuel, weapons, and supplies; and to repair evacuated equipment and rolling stock. The ACE commander has determined that the MP priority of effort will be toward ACE security.

ENCLOSURE (1)

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Provides physical security as required for key facilities, units, convoys, LOC critical points, and persons requiring military police support.
- .2 \_\_\_\_\_ Conducts area reconnaissance utilizing mobile and foot patrols to identify possible DZ's, LZ's, likely enemy rally points and avenues of approach, and disseminates intelligence gathered to the ACE G/S-2.
- .3 \_\_\_\_\_ Conducts mobile and foot patrols to maintain security of the FOB.
- .4 \_\_\_\_\_ Ensures control over restricted areas so that no unauthorized persons are able to enter.
- .5 \_\_\_\_\_ Patrols designated areas in proximity to restricted areas.
- .6 \_\_\_\_\_ Establishes and maintains communications between all MP positions.
- .7 \_\_\_\_\_ Conducts offensive and defensive operations, within capabilities, against minor enemy units operating in the ACE commander's Tactical Area of Responsibility (TAOR).
- .8 \_\_\_\_\_ Uses a personnel identification, controlled access system at access control points.
- .9 \_\_\_\_\_ Ensures access authorization letters are present and utilized at access control points.
- .10 \_\_\_\_\_ Makes a route reconnaissance prior to moving personnel requiring military police support.
- .11 \_\_\_\_\_ Develops and submits predesignated defensive fields of fire to CO, MWSS.

EVALUATOR INSTRUCTIONS: None.

ENCLOSURE (1)

KEY INDICATORS:

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TASK: 13B.11.7 CONDUCT LAW AND ORDER OPERATIONS

CONDITION(S): The MAGTF is established ashore. Combat operations have switched to mopping up isolated pockets of resistance. The area of operations has a large civilian population that presents a level I threat to U.S. facilities and personnel. Criminal acts by and against U.S. forces and the civilian population are on the increase. The MEF commander has determined that the MP priority of effort will be toward law and order operations.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Establishes and maintains coordination with local authorities.
- .2 \_\_\_\_\_ Ensures provisions of SOFA agreement are understood and followed.
- .3 \_\_\_\_\_ Coordinates with NCIS, local authorities, and other law enforcement personnel and agencies to determine the likelihood that local crime problems could affect ACE operations.
- .4 \_\_\_\_\_ Makes recommendations to the ACE commander based on an awareness of local crime problems, and measures to be taken to prevent crimes from occurring.
- .5 \_\_\_\_\_ Initiates criminal investigations and incorporates NCIS agents, when available.
- .6 \_\_\_\_\_ Provides the ACE with the capability to control, process and evacuate military prisoners.
- .7 \_\_\_\_\_ Executes patrolling and crime prevention programs.
- .8 \_\_\_\_\_ Establishes and operates a detention facility. (KI)
- .9 \_\_\_\_\_ Ensures search and seizure procedures are correctly followed with regard to probable cause, custody receipts, and chain of custody.

ENCLOSURE (1)

- .10 \_\_\_\_\_ Establishes 24 hour a day law enforcement capability and provides MP blotter/incident complaint report/criminal investigation reporting system.
- .11 \_\_\_\_\_ Ensures initial response to major incidents, terrorist incidents, or disaster/riot includes establishment of CP and isolation of area.
- .12 \_\_\_\_\_ Establishes crowd control immediately upon arrival at a disaster/riot incident.
- .13 \_\_\_\_\_ Gathers intelligence information throughout incidents and reports to the on-scene commander. (KI)
- .14 \_\_\_\_\_ Ensures special reaction team responds within a prescribed time. (KI)
- .15 \_\_\_\_\_ Employs riot control agents to quell civil disorders, in accordance with ROE.
- .16 \_\_\_\_\_ Delivers EPW's to MAGTF collecting point within 24 hours of capture.
- .17 \_\_\_\_\_ Neutralizes special threat area/group with minimal interference to military operations. (KI)
- .18 \_\_\_\_\_ Coordinates with MAGTF Civil Affairs personnel or Army C.A. Brigade concerning EPW control facilities and disposition of civilian internees.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

#### SUSPECT/PRISONER DETENTION RECEIPT

When operating a detention facility, MP's must be sure to receipt for each prisoner/suspect on a DD Form 629.

ENCLOSURE (1)

## INTELLIGENCE INFORMATION

Information of interest to the on scene commander would include location of riot instigators, changes in situations, previously unseen situations/conditions, etc. This requires that all MP's involved in the operation remain keenly alert and report everything that varies from the initial brief to the commander.

## REASONABLE RESPONSE TIME

Due to varying conditions, the definition of this factor is left up to the subjective evaluation of the evaluator.

## NEUTRALIZATION

Neutralization will be the apprehension or incapacitation of suspects.

---

### TASK: 13B.11.8 CONDUCT ENEMY PRISONER OF WAR OPERATIONS

CONDITION(S): The MAGTF is established ashore. Combat operations by MAGTF forces has resulted in the capture of numerous enemy personnel. The ACE commander has determined that the priority of effort of the military police will be enemy prisoner of war operations.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Ensures EPW's are properly tagged with required information prior to acceptance from capturing unit.
- .2 \_\_\_\_\_ Searches EPW's for concealed weapons prior to acceptance from capturing unit.
- .3 \_\_\_\_\_ Searches EPW's in detail, during processing, for material of intelligence value.
- .4 \_\_\_\_\_ Classifies equipment separated from EPW's as impounded, confiscated, or retained and process it accordingly, ensuring accountability at all times. (KI)

ENCLOSURE (1)

- .5 \_\_\_\_\_ Segregates EPW's by sex and type; i.e., officers, NCO's, nonrated, and civilian combatants, and ensure accountability.
- .6 \_\_\_\_\_ Coordinates medical care and screening for EPW's.
- .7 \_\_\_\_\_ Prepares personnel record forms for each EPW including personnel data, fingerprints and/or photograph, and weight register.
- .8 \_\_\_\_\_ Ensures EPW's with high intelligence value are rapidly taken to the MAGTF EPW collecting point.
- .9 \_\_\_\_\_ Demonstrates the capability to control prisoner riots and prevent escapes; i.e., holding area barriers, bonds, riot control equipment, interpreters, night lighting, and public address equipment.
- .10 \_\_\_\_\_ Delivers EPW's to MAGTF EPW collecting point within 24 hours of capture.
- .11 \_\_\_\_\_ Separates and safeguards EPW's who claim deserter status from other EPW's.
- .12 \_\_\_\_\_ Processes EPW's according to instructions regarding final disposition.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

#### PROPERTY CLASSIFICATION

All property accompanying EPW's to the holding facility is classified into one of three categories.

1. RETAINED: Includes all personal effects that can not be used as a weapon against guards or for bribing guards. Also all protective gear must be retained or can be replaced by items offering equivalent protection.
2. IMPOUNDED: Items of no intelligence value taken from the prisoner which will be returned upon release of prisoner. These items include: money or valuables, common weapons, knives and forks, and other personal belongings. These

ENCLOSURE (1)

items must be inventoried and receipted by the prisoner. Accountability must be maintained.

3. CONFISCATED: Those items of particular intelligence value which will be taken from the prisoner and not returned. Tagging these materials and listing the conditions of capture is vital.
-

SECTION 13C  
STANDARDS APPLICABLE TO ALL EVALUATIONS

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## INTRODUCTION:

This section contains two MPS's. The first MPS, Continuing Actions by Marines, deals with the performance of individual Marines and their contribution to survivability and the operational goals of the organization. The second MPS, NBC operations, is designed to cover the areas of command and control and unit performance during NBC operations.

It is understood that the exercise scenario will not always allow each of these tasks and standards to be evaluated in their entirety. However, all scenarios will allow at least a portion of these tasks and standards to be evaluated. The evaluator, merely notes "not evaluated" on his evaluation sheet for those areas not applicable. It is anticipated that commanders will evaluate these N/A areas during the course of subsequent training opportunities.

ENCLOSURE (1)

13C.1 CONTINUING ACTIONS BY MARINES

TASK: 13C.1.1 DEMONSTRATE DISCIPLINE

CONDITION(S): Under all tactical conditions.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Maintains self discipline. (KI)
- .2 \_\_\_\_\_ Maintains fire discipline. (KI)
- .3 \_\_\_\_\_ Maintains supply discipline. (KI)
- .4 \_\_\_\_\_ Maintains communication discipline. (KI)
- .5 \_\_\_\_\_ Maintains noise discipline. (KI)
- .6 \_\_\_\_\_ Maintains light discipline. (KI)
- .7 \_\_\_\_\_ Maintains hygienic discipline. (KI)
- .8 \_\_\_\_\_ Maintains maintenance discipline.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

SELF DISCIPLINE

Calm, resolute, and positive acceptance of orders and directives by Marines who give the appearance they are making an honest attempt to participate fully in the achievement of the goals of the field evaluation. Participation is enforced by leaders.

1. Marine's weapon, 782 gear, and personal gear is mounted/stowed as per unit SOP.
2. Marines weapons and equipment are stowed in a manner that allows access to them within 30 seconds.

ENCLOSURE (1)

## FIRE DISCIPLINE

When engaged, Marines employ their firepower in an orderly and organized fashion. Lax fire discipline is not tolerated by unit leaders. Ammunition is readily available to replenish crew weapons.

## SUPPLY DISCIPLINE

Marines do not waste unit supplies. Supplies are safeguarded from the enemy and protected from the weather. Supplies are not scattered as litter on the terrain. Waste is not tolerated by the leader. All water, POL, food, and ammunition is stowed internally/externally as per a unit SOP.

## COMMUNICATIONS DISCIPLINE

Marines operating radios do not waste transmission time with frivolous or personal message traffic. Standard prowords are employed and communication checks are limited to those required. Officers operating radios adhere to standards of performance required of all radio operators. In the static position, wire communication is utilized where possible.

## NOISE DISCIPLINE

During operations, Marines of the unit exhibit restraint with regard to noise. Leaders do not tolerate noisy conduct during security guard and patrols or under any circumstance during darkness.

1. In the static posts, radio speakers are turned down so that transmission noise is kept to a minimum.
2. All OP/LP's preferably linked with communication wire telephones.

## LIGHT DISCIPLINE

Marines keep light use to a minimum and consistent with accomplishment of assigned missions. Leaders do not tolerate lax light discipline. Sentries posted at night check for light leaks.

ENCLOSURE (1)

## HYGENIC DISCIPLINE

Marines exhibit knowledge of and practice good field sanitation. They do not leave trash, garbage or debris in the field to create health hazards. Leaders enforce hygienic discipline. They actively promote field sanitation and personal hygiene by enforcing use of designated heads, good personal health habits, police of the area, and inspection of foot and body sores.

1. All personnel are clean shaven (to prevent inadequate sealing of the Field Protective Mask) and shave at least every 48 hours.
2. Unit personnel prepare, use, and fill cat holes, as necessary, throughout mobile operations.
3. Garbage is buried, or sacked and transported as may be provided by unit SOP.
4. Biohazardous waste is managed in accordance with current directives.

---

### TASK: 13C.1.2 DEMONSTRATE AIR ATTACK DISCIPLINE

CONDITION(S): Under all tactical conditions.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Conducts appropriate immediate action when aircraft alarm is sounded.
- .2 \_\_\_\_\_ Demonstrates attention to camouflage detail.
- .3 \_\_\_\_\_ Provides appropriate netting for equipment and tentage unless natural material is available and used.
- .4 \_\_\_\_\_ Prepares halted vehicles for concealment with camouflage screening systems and natural camouflage.
- .5 \_\_\_\_\_ Camouflages parked vehicles and newly constructed tents and structures within 15 minutes so that they are not visible from the ground or air at 800 meters with the naked eye, 2,000 meters with optics.

ENCLOSURE (1)

- .6 \_\_\_\_\_ Avoids encumbering the vehicles (i.e. access to mounted equipment, doors, visibility, mounted weapons, or mobility).
- .7 \_\_\_\_\_ Stresses placement of personnel and material in area that are concealed from casual detection by enemy aircraft. (KI)

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

#### CAMOUFLAGE

Marines employed in security watches and operations must prepare for those tasks:

1. Apply camouflage paint (when used) to more than just Marines' faces, covering neck, ears, and other exposed areas of the body.
2. Apply foliage to helmet and equipment, as terrain dictates.
3. Cover or dull items that have a shiny reflective surface. Ensure weapon, 782 gear, and personal gear is mounted/stowed as per unit SOP.
4. Marines weapons and equipment are stowed in a manner that allows access to them within 30 seconds.

#### DETECTION FROM AIRCRAFT

The first principle of camouflage is movement. Ability of the unit to detect approaching aircraft is critical. The mere act of pulling over and stopping does more to keep the vehicles from being detected by aircraft than any other step that could be taken. Without seeing an approaching aircraft first, however, the unit has no way of reacting. Airguards are extremely important and must stay motivated and alert.

---

ENCLOSURE (1)

MCO 3501.17

**TASK: 13C.1.3 CONDUCT PREVENTIVE MAINTENANCE IN THE FIELD**

CONDITION(S): Under all combat and field conditions.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Includes preventive maintenance emphasis during planning. (KI)
- .2 \_\_\_\_\_ Assigns areas of responsibility for PM to operators.
- .3 \_\_\_\_\_ Supervises operators in preventive maintenance.
- .4 \_\_\_\_\_ Displays a sense of urgency when conducting PM. (KI)
- .5 \_\_\_\_\_ Conducts preoperation checks according to a unit SOP and current first echelon technical manuals.
- .6 \_\_\_\_\_ Follows proper start up and warm up procedures before moving out.
- .7 \_\_\_\_\_ Schedules halt checks during long movements. (KI)
- .8 \_\_\_\_\_ Performs checks during scheduled halts or whenever the unit halts for any length of time.
- .9 \_\_\_\_\_ Follows proper cool down procedures before shutting down.
- .10 \_\_\_\_\_ Performs continuous maintenance on all weapons and equipment.
- .11 \_\_\_\_\_ Properly stores, handles, and disposes of hazardous materials.
- .12 \_\_\_\_\_ Maintains tactical dispersion to avoid destruction of all maintenance assets.
- .13 \_\_\_\_\_ Maintains proper documentation of all maintenance efforts.

EVALUATOR INSTRUCTIONS: None.

ENCLOSURE (1)

## KEY INDICATORS:

## PLANNING

During planning for operations, leaders must allow sufficient time for PM to be performed in the assembly area. During long movements, provision must be made for halt checks, the duration and frequency of which should be covered by unit SOP.

## ENTHUSIASM OF CREWMEN

When vehicle crewmen are conducting halt checks and performing PM, they must go about their business in an aggressive, enthusiastic, and concerned manner. Initiative and attention to duty and detail are paramount. PM conducted by nonchalant crewmen is one indicator of an ineffective unit that will eventually experience mission failures as a result.

## HALTS

Anytime the unit makes unscheduled halts, checks should be made as well. During short halts, a walk-around inspection should be made to check body, tires, and suspension components. Longer halts should include engine compartment/fluid level checks.

---

TASK: 13C.1.4 MAINTAIN DISPERSION

CONDITION(S): The elements of the MWSS are stationary under tactical conditions.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_ Maintains unit dispersion. (KI)
- .2 \_\_\_\_ Maintains vehicle dispersion. (KI)
- .3 \_\_\_\_ Maintains combat speed of assets.
- .4 \_\_\_\_ Continues individual dispersion when dismounted. (KI)
- .5 \_\_\_\_ Maintains material dispersion. (KI)

ENCLOSURE (1)

MCO 3501.17

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

#### UNIT DISPERSION

Units are not grouped together in small areas where they combine to provide a lucrative target for enemy indirect fire. In particular, units do not bunch together during movement. This problem can occur as a result of poor planning as well as poor discipline and awareness.

#### VEHICLE DISPERSION

Vehicles maintain assigned position and interval during maneuvering. Vehicles do not gather in groups during halts, in assembly areas, or when deployed in stationary situations. Dispersion should be controlled. Leaders must be active in keeping vehicles spread out.

#### DISMOUNTED

Marines do not gather in groups when waiting in assembly areas, or when deployed in stationary situations. Dispersion is best controlled by junior leaders who are active in keeping Marines spread out.

#### MATERIAL

Material, equipment, and tentage are placed so as to reduce their vulnerability to bursting munitions. Unit leaders and responsible staff sections cooperate to keep unit materials spread out.

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ENCLOSURE (1)

## TASK: 13C.1.5 USE COVER

CONDITION(S): The MWSS is conducting aviation ground support operations.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Demonstrates, by use of tactics and personal example, an understanding of use of covered routes and firing positions for vehicles. (KI)
- .2 \_\_\_\_\_ Avoids exposing halted elements to observation and fire.
- .3 \_\_\_\_\_ Moves immediately to the nearest cover.
- .4 \_\_\_\_\_ Seeks covered positions.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

## COVERED POSITION

Obviously, when forced by enemy actions to seek out a covered firing position, the opportunity to find the ideal position is reduced. During scheduled halts a good position is a necessity. A covered firing position is defined as any position which satisfies the following requirements:

- 1. Position provides best possible observation and fields of fire.
- 2. Weapons mounted on the vehicle will cover the target.
- 3. The vehicles must be protected from direct fire to the front.
- 4. Individual Marines, when dismounted, demonstrate by tactical and personal example an understanding of the use of covered routes and covered positions.

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ENCLOSURE (1)

TASK: 13C.1.6 USE CAMOUFLAGE AND CONCEALMENT

CONDITION(S): The MWSS is in an FOB with adequate camouflage equipment available or natural material within a 200m radius of positions.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Conducts appropriate immediate action when aircraft alarm is sounded.
- .2 \_\_\_\_\_ Demonstrates attention to camouflage detail. (KI)
- .3 \_\_\_\_\_ Provides appropriate netting for equipment and tentage unless natural material is available and used.
- .4 \_\_\_\_\_ Prepares halted vehicles for concealment with camouflage screening systems and natural camouflage.
- .5 \_\_\_\_\_ Camouflages parked vehicles and newly constructed tents and structures within 15 minutes so that they are not visible from the ground or air at 800 meters with the naked eye, 2,000 meters with optics.
- .6 \_\_\_\_\_ Avoids encumbering the vehicles; i.e., access to mounted equipment, doors, visibility, mounted weapons, or mobility.
- .7 \_\_\_\_\_ Stresses placement of men and material in areas that are concealed from casual detection by enemy aircraft. (KI)

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

DETAIL

Marines employed in security watches and operations must prepare for those tasks.

- 1. Apply camouflage paint (when used) to more than just Marines' faces; covering neck, ears, arms, and other exposed areas as required.

ENCLOSURE (1)

2. Apply foliage to helmet, equipment as terrain dictates.
3. Cover or dull items that have a shiny reflective surface.

#### DETECTION FROM AIRCRAFT

4. The first principle of camouflage is movement. Ability of the unit to detect approaching aircraft is critical. The mere act of pulling over and stopping does more to keep the vehicles from being detected by aircraft than any other step that could be taken. But without seeing an approaching aircraft first the unit has no way of reacting. Airguards are important and must stay motivated and alert.

#### TASK: 13C.1.7 PREPARE INDIVIDUAL EQUIPMENT AND PERSONNEL

CONDITION(S): The MWSS is alerted of enemy activity in the rear area. The MWSS commander alerts the FOB to prepare for possible enemy contact. All personnel and their individual equipment are on hand. The MOPP level and uniform for the operation are established. Security patrol activity is increased.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_ Inspects all personnel for the specified uniform. (KI)
- .2 \_\_\_\_ Fits all protective masks, whether worn or carried, and checks for leaks.
- .3 \_\_\_\_ Stows M58A1 kits (for training only; in combat, use M258A1 kit) in or on the mask carrier.
- .4 \_\_\_\_ Ensures filters are serviceable and masks are properly assembled.
- .5 \_\_\_\_ Ensures all individual weapons and magazines are clean.
- .6 \_\_\_\_ Performs functional checks on weapons and magazines.
- .7 \_\_\_\_ Stows magazines in ammunition pouches.

ENCLOSURE (1)

- .8 \_\_\_\_\_ Stows grenades securely; pins remain bent.
- .9 \_\_\_\_\_ Wears individual load-bearing equipment (782 gear) as required by a unit SOP.
- .10 \_\_\_\_\_ Ensures gear is properly fitted and strap-ends are secured, and that canteens are filled with potable water.
- .11 \_\_\_\_\_ Ensures identification tags are worn around the neck, taped to prevent noise and that all personnel carry DD Form 2MC (U.S. Armed Forces Identification Card).
- .12 \_\_\_\_\_ Enforces attention to the slightest open wounds (scratches and abrasions) so that they are cleaned and bandaged to prevent infection.
- .13 \_\_\_\_\_ Enforces a clean shaven face (to prevent inadequate sealing of protective mask) by shaving at least every 48 hours throughout the operation.
- .14 \_\_\_\_\_ Uses bandages that are olive drab (OD), if possible.
- .15 \_\_\_\_\_ Provides opportunities to bathe and change undergarments every 48 hours, if possible, when protective clothing is worn continuously, to avoid rashes.
- .16 \_\_\_\_\_ Inspects backpacks and/or sea bags of each individual for personal hygiene equipment and extra clothing as specified in the unit SOP.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

#### UNIFORM

Uniform includes:

1. Protective clothing (based on the mission oriented protection posture (MOPP)).
2. Body armor.

ENCLOSURE (1)

3. Helmet.
4. Protective mask, worn or carried according to MOPP.

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**TASK: 13C.1.8 PROCESS ENEMY PRISONERS OF WAR (EPW)**

**CONDITION(S):** During an area security patrol the unit has captured a small number of enemy troops.

**STANDARDS: EVAL: Y; N; NE**

- .1 \_\_\_\_\_ Searches EPW's immediately after capture.
- .2 \_\_\_\_\_ Requires EPW's to remain silent and permits no conversation among them. (KI)
- .3 \_\_\_\_\_ Segregates EPW's by sex and type (officers, NCO's, unranked, civilian combatants).
- .4 \_\_\_\_\_ Safeguards EPW's from abuse and from hazards of enemy fire. (KI)
- .5 \_\_\_\_\_ Orders transportation/guard support from higher headquarters to transport EPW's to where they can be processed.
- .6 \_\_\_\_\_ Reports capture of EPW's.
- .7 \_\_\_\_\_ Returns with EPW's to friendly positions.
- .8 \_\_\_\_\_ Tags weapons and items of potential intelligence value for retention.
- .9 \_\_\_\_\_ Returns helmets, gas masks, personal items, and essential clothing to EPW's.
- .10 \_\_\_\_\_ Processes EPW's with speed to obtain maximum intelligence benefit.
- .11 \_\_\_\_\_ Reports perishable information obtained from EPW's to higher command element by most expeditious means.

ENCLOSURE (1)

- .12 \_\_\_\_\_ Ensures enemy casualties receive same medical care and medevac priority as unit casualties such that any differences in treatment are based solely on medical reasons.
- .13 \_\_\_\_\_ Publishes a unit EPW processing SOP which, at a minimum, covers responsibility within the unit and required reports.

EVALUATOR INSTRUCTIONS: This task is applicable in all cases except those wherein the Tactical Exercise Control Group (TECG) instructions prohibit either the capture of any member of the aggressor force, or the introduction of actors into the exercise play. Evaluator ensures that EPW's are not mistreated.

KEY INDICATORS:

CONTROL AND SAFETY

The ability of the leader to control the group and provide for the safety and security of the unit capturing the EPW's is paramount.

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TASK: 13C.1.9 PROCESS CASUALTY EVACUATIONS

CONDITION(S): The FOB is attacked by enemy aircraft using HE ordnance. Friendly casualties are sustained during the attack.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Applies first aid to casualties prior to arrival of corpsmen. (KI)
- .2 \_\_\_\_\_ Applies self aid if (tagged by evaluator as) lightly wounded.
- .3 \_\_\_\_\_ Provides triage at the unit level prior to evacuation.
- .4 \_\_\_\_\_ Demonstrates the proper care and procedures for extricating injured Marines from various positions and circumstances.

ENCLOSURE (1)

- .5 \_\_\_\_\_ Demonstrates correct procedures for transporting casualties to a place of safety/treatment.
- .6 \_\_\_\_\_ Reports casualties immediately through established chain of command with proper CASREP format.
- .7 \_\_\_\_\_ Ensures unit has an SOP which explains evacuation, evacuation request procedures, and required reports from subordinate units.
- .8 \_\_\_\_\_ Follows established evacuation request procedures.  
(KI)

EVALUATOR INSTRUCTIONS: This task is applicable in all cases unless otherwise directed by TECG. Evaluators will tag casualties as instructed by the senior evaluator and evaluate those who should provide aid and assistance. All Marines who are tagged with an incapacitating wound will drop when "hit" and will not move under their own power.

#### KEY INDICATORS:

#### FIRST AID

Demonstrate knowledge of the four lifesaving steps (stopping the bleeding, restoration of breathing, protecting the wound, treating for shock).

#### EVACUATION PROCEDURES

The casualty evacuation procedure must be common knowledge by all Marines. Any Marine should be able to properly request casualty evacuation on the radio.

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ENCLOSURE (1)

13C.2 NBC OPERATIONS

TASK: 13C.2.1 PREPARE FOR NBC OPERATIONS

CONDITION(S): Enemy forces have employed NBC, air, and ground attack in the area aimed at destroying/disrupting operations and facilities at the FOB. Due to the threat, passive and active defense measures must be used for survival.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Follows established SOP which outlines procedures for enemy NBC strikes and reports required.
- .2 \_\_\_\_\_ Forms and trains monitor/survey teams.
- .3 \_\_\_\_\_ Forms and trains decontamination teams.
- .4 \_\_\_\_\_ Issues individual NBC defense equipment authorized by unit table of equipment (T/E).
- .5 \_\_\_\_\_ Readies unit NBC defense equipment authorized by unit T/E.
- .6 \_\_\_\_\_ Prepares mobile decontamination teams' vehicles and equipment.
- .7 \_\_\_\_\_ Plans for airfield decon operations.
- .8 \_\_\_\_\_ Identifies shortages and ensures replacement actions are taken.
- .9 \_\_\_\_\_ Coordinates supply and utilities support to prepare decontamination equipment and bulk decontaminants for ready transport to a decontamination area.
- .10 \_\_\_\_\_ Coordinates with ACE for additional support, as required.
- .11 \_\_\_\_\_ Coordinates utilities support to ready all decontamination apparatus for use.
- .12 \_\_\_\_\_ Ensures NBC trained personnel are available on a 24-hour a day basis.
- .13 \_\_\_\_\_ Recommends MOPP level to MWSS commander and ensures personnel are at or above, required MOPP level.

ENCLOSURE (1)

- .14 \_\_\_\_\_ Prepares contamination control point plans and overlays.
- .15 \_\_\_\_\_ OIC is familiar with the radiation exposure guidelines for the control of exposure of personnel to radiation hazards.
- .16 \_\_\_\_\_ Personnel properly identify NATO or enemy NBC contamination markers.
- .17 \_\_\_\_\_ Maximizes utilization of terrain features for cover, concealment, and topographical shielding. Identifies susceptible areas affected by chemical attacks.
- .18 \_\_\_\_\_ Establishes local alarm for airfield, known by all units.

EVALUATOR INSTRUCTIONS: Provide the unit information to expect an imminent NBC attack by the enemy, and integrate NBC scenarios with normal missions. Evaluator(s) should be highly trained in the area of NBC Defense (MOS 57XX) or be thoroughly trained in this area as part of evaluators school.

KEY INDICATORS: None.

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**TASK: 13C.2.2 CONDUCT NBC CONTROL CENTER OPERATIONS**

CONDITION(S): The MWSS is conducting aviation ground support operations. Friendly forces have suffered an enemy NBC attack.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Provides overall unit NBC defense guidance and possible courses of action to the MWSS commander.
- .2 \_\_\_\_\_ Coordinates personnel safety considerations when friendly nuclear/chemical operations are planned via higher headquarters dissemination.

ENCLOSURE (1)

- .3 \_\_\_\_\_ Performs computations necessary to convert basic NBC information to the forms required for various calculations/predictions and transmits information to higher headquarters.
- .4 \_\_\_\_\_ Plots and displays assembled NBC information provided from higher headquarters.
- .5 \_\_\_\_\_ Evaluates assembled NBC information and forecasts impact on the ACE operations.
- .6 \_\_\_\_\_ Disseminates NBC information (intelligence) provided from higher headquarters.
- .7 \_\_\_\_\_ Prepares and analyzes NBC reports; transmits to higher headquarters.
- .8 \_\_\_\_\_ Determines radiation exposure status category.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

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**TASK: 13C.2.3 PREPARE FOR NUCLEAR ATTACK**

CONDITION(S): The MWSS is informed that the future use of nuclear weapons is imminent.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Identifies backup/alternate command, control, and communications procedures.
- .2 \_\_\_\_\_ Alerts subordinate/displaced elements.
- .3 \_\_\_\_\_ Continues mission while implementing actions to minimize casualties and damage.
- .4 \_\_\_\_\_ Implements protective measures, as directed by higher headquarters consistent with the mission.

ENCLOSURE (1)

- .5 \_\_\_\_\_ Minimizes exposure by rolling down sleeves, buttoning collars, and wearing additional clothing equal to a two layered uniform.
- .6 \_\_\_\_\_ Takes cover in fighting positions, bunkers, existing shelters (basements, culverts, caves, tunnels, etc.) or lies prone on open ground.
- .7 \_\_\_\_\_ Coordinates placement of vehicles behind masking terrain\shielding.
- .8 \_\_\_\_\_ Hardens all positions.
- .9 \_\_\_\_\_ Initiates periodic monitoring, using available instruments.
- .10 \_\_\_\_\_ Identifies/prepares shelters to protect from heat, blast, and radiation.
- .11 \_\_\_\_\_ Maintains security while implementing actions to minimize casualties and damage.
- .12 \_\_\_\_\_ Secures all loose items, flammable/explosive items, food and water from heat, blast, and radiation.
- .13 \_\_\_\_\_ Ensures personnel are familiar with standard first aid procedures to provide self/buddy aid for nuclear blast and thermal effects.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

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ENCLOSURE (1)

TASK: 13C.2.4 PREPARE FOR A FRIENDLY NUCLEAR STRIKE

CONDITION(S): The MWSS receives a friendly nuclear STRIKWARN. All, or portions of the unit are within minimum safe distance (MSD) 2 to 3.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Applies, accurately and completely, the STRIKWARN to the situation map within 5 minutes after message receipt.
- .2 \_\_\_\_\_ Makes available to MWSS commander, pertinent information regarding the planned detonation (time of burst, ground zero, fallout coverage, and MSD).
- .3 \_\_\_\_\_ Advises MWSS commander of the vulnerability of the unit to the burst (within MSD 1, 2, or 3) and residual contamination (within predicted fallout zone).
- .4 \_\_\_\_\_ Advises MWSS commander of the measures needed to prevent casualties, damage, and extended interference with the mission.
- .5 \_\_\_\_\_ Protects external electronic equipment from EMP and TREE.
- .6 \_\_\_\_\_ Implements protective measures, as directed by higher headquarters, consistent with the mission.
- .7 \_\_\_\_\_ Minimizes exposure of personnel by rolling down sleeves, buttoning collars, and wearing additional clothing equal to a two-layered uniform.
- .8 \_\_\_\_\_ Ensures personnel take cover in fighting positions, bunkers, existing shelters (basements, culverts, caves, and tunnels), or lies prone on open ground, as time permits.
- .9 \_\_\_\_\_ Places vehicles behind masking/shielding terrain.
- .10 \_\_\_\_\_ Hardens all positions.
- .11 \_\_\_\_\_ Turns off electronic devices; disassembles erected antennas; ties down antennas. Bare minimum radio equipment remains erected.

ENCLOSURE (1)

- .12 \_\_\_\_\_ Securess all loose items (small weapons, tools, etc.) and highly flammable/explosive items.
- .13 \_\_\_\_\_ Acknowledges the warning before the expected time of burst.

EVALUATOR INSTRUCTIONS: Evaluator simulates nuclear detonation with an artillery or nuclear blast simulator, or informs the unit that nuclear blast has occurred. Evaluator assesses casualties and damage to unprotected personnel and equipment.

KEY INDICATORS:

#### WARNING METHODS

1. Uses a code word or brevity code from the CEOI to indicate the message is a nuclear strike warning.
2. Uses a brief, prearranged message that directs the receiver to implement specific protective measures.
3. Uses encoded message with expected time of burst, if not sent by secure voice or messenger, and if time allows.

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#### TASK: 13C.2.5 PREPARE FOR A CHEMICAL AGENT ATTACK

CONDITION(S): The MWSS is informed that the enemy has employed chemical weapons within the theater of operations and that an enemy chemical attack is imminent.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Uses a chemical defense SOP which addresses chemical defense/decontamination procedures.
- .2 \_\_\_\_\_ Directs all elements (if applicable) to increase MOPP consistent with mission, temperature, work rate, and commander's guidance.

ENCLOSURE (1)

- .3 \_\_\_\_\_ Identifies mission-essential tasks that require a high degree of manual dexterity or physical strength, and are difficult to perform in MOPP 4.
- .4 \_\_\_\_\_ Plans alternate methods, such as allowing more time, rotating or assigning additional personnel.
- .5 \_\_\_\_\_ Identifies criteria for donning the protective mask and chemical protective ensemble.
- .6 \_\_\_\_\_ Demonstrates the capability to don the protective mask within 9 seconds.
- .7 \_\_\_\_\_ Demonstrates the capability to don the chemical protective ensemble within 4-8 minutes (MOPP I-IV).
- .8 \_\_\_\_\_ Establishes the buddy system to facilitate monitoring/treatment for chemical agent poisoning and hasty decontamination.
- .9 \_\_\_\_\_ Continues the mission while implementing all actions to minimize casualties and damage.
- .10 \_\_\_\_\_ Covers portions of essential equipment, munitions, POL, food and water, and supplies that cannot be placed in a shelter with expendable or readily decontaminated tarps, shelter halves, or ponchos.
- .11 \_\_\_\_\_ Affixes detector tape to visible, horizontal surfaces of protective clothing and on equipment, munitions, etc.
- .12 \_\_\_\_\_ Checks decontamination equipment to ensure the M11/M13 DAP is filled, individuals have complete M258A1, and M291 kits, and ensure there is an available water source with a supporting road network.
- .13 \_\_\_\_\_ Reports potential decontamination sites to the ACE G/S-3.
- .14 \_\_\_\_\_ Ensures available chemical agent alarms are set up and monitored.
- .15 \_\_\_\_\_ Uses protective NBC equipment and supplies properly.
- .16 \_\_\_\_\_ Maintains protective NBC equipment in a high state of serviceability.

- .17 \_\_\_\_\_ Ensures personnel can recognize chemical agent symptoms.
- .18 \_\_\_\_\_ Establishes mobile decontamination teams (to include required vehicles and equipment).
- .19 \_\_\_\_\_ Coordinates collection of decontaminants to decontamination points.

EVALUATOR INSTRUCTIONS: Inform CO/OIC that chemical weapons have been used in the theater of operations, and that attack is imminent.

KEY INDICATORS: None.

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TASK: 13C.2.6 RESPOND TO THE INITIAL EFFECTS OF A NUCLEAR ATTACK

CONDITION(S): A nuclear attack has occurred.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Takes immediate action upon recognizing the attack to shield from blast/heat of detonation.
- .2 \_\_\_\_\_ Maintains or re-establishes chain of command and communications. Resumes mission if possible.
- .3 \_\_\_\_\_ Rapidly submits NBC-1 initial and follow-up reports (as required) to the ACE G/S-3 by personnel designated or responsible for collecting the information. Rapidly forwards the most reliable and complete reports by secure means when possible.
- .4 \_\_\_\_\_ Provides first aid and evacuates casualties to a medical treatment station as the mission permits; evacuates fatalities.
- .5 \_\_\_\_\_ Submits damage assessment report by secure means to the ACE G/S-3.
- .6 \_\_\_\_\_ Initiates continuous monitoring, using available instruments.

ENCLOSURE (1)

EVALUATOR INSTRUCTIONS: Nuclear attack is simulated by the detonation of an artillery or nuclear blast simulator or by other appropriate means. Evaluator will assess constructive casualties due to blast, heat, radiation, and electromagnetic pulse (EMP). EMP casualties will be assessed by the evaluator for all communications systems (antennas, receivers/transmitters) that are exposed (not in a covered or hardened location/vehicle) during the simulated nuclear detonation.

KEY INDICATORS: None.

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**TASK: 13C.2.7 RESPOND TO THE RESIDUAL EFFECTS OF A NUCLEAR DETONATION**

CONDITION(S): A surface or aerial nuclear detonation has occurred. The unit's location is within the predicted fallout zone. The unit gets effective downwind messages at least once every 3 hours. NBC-2 report is furnished to the unit about 15 minutes after the detonation, or prepared by the unit; NBC-3 report is furnished about 45 minutes after detonation; NBC-5 report and/or contamination overlay is provided about 4 hours after the detonation.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_ Performs mission concurrently with all other actions.
- .2 \_\_\_\_ Advises MWSS commander of estimated time of fallout arrival when information becomes known.
- .3 \_\_\_\_ Maintains continuous monitoring using available instruments.
- .4 \_\_\_\_ Protects equipment, munitions, POL, food, and water from fallout.
- .5 \_\_\_\_ Takes protective measures to minimize fallout effects as mission permits.
- .6 \_\_\_\_ Forwards NBC-4 reports, as required, to the ACE G/S-3 by secure means.

ENCLOSURE (1)

- .7 \_\_\_\_\_ Records and reports unit total dose information to the ACE G/S-3, using available secure means.
- .8 \_\_\_\_\_ Positions unit to minimize exposure.
- .9 \_\_\_\_\_ Handles and provides first aid treatment to casualties in a nuclear environment.
- .10 \_\_\_\_\_ Assesses casualties and fatalities.

EVALUATOR INSTRUCTIONS: The commander is advised of estimated time of fallout arrival.

KEY INDICATORS: None.

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**TASK: 13C.2.8 RESPOND TO A CHEMICAL AGENT ATTACK**

CONDITION(S): The MWSS is subjected to an enemy chemical agent attack.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Takes immediate protective measures, upon hearing a chemical alarm, followed by treatment/decontamination of casualties. (KI)
- .2 \_\_\_\_\_ Automatically masks upon notification of an enemy artillery, rocket, or a attack/overflight.
- .3 \_\_\_\_\_ Automatically masks upon perceiving a suspicious odor, airborne droplets/mist, or smoke from unknown source.
- .4 \_\_\_\_\_ Checks for contamination and performs personnel decon, if required
- .5 \_\_\_\_\_ Does not unmask until authorized by their commander.
- .6 \_\_\_\_\_ Detects and classifies chemical agents using appropriate equipment.
- .7 \_\_\_\_\_ Reports type of chemical agent.

ENCLOSURE (1)

- .8 \_\_\_\_\_ Locates and marks contamination with NATO standard markers.
- .9 \_\_\_\_\_ Reports location and type of contamination to the ACE G/S-3 using the NBC-4 report.
- .10 \_\_\_\_\_ MWSS commander determines if immediate relocation to a clean area is necessary or possible.
- .11 \_\_\_\_\_ Coordinates with higher headquarters to determine priorities for decontamination. Requests decontamination support if required.
- .12 \_\_\_\_\_ Wraps, marks as contaminated, and evacuates WIA's as mission permits. Alerts medical treatment facility.
- .13 \_\_\_\_\_ Wraps, marks as contaminated, and evacuates KIA's as mission permits. Warns graves registration collection point. (Quickly decontaminates KIA's to reduce contaminant transfer within unit capabilities.)
- .14 \_\_\_\_\_ Initiates unmasking procedures, utilizing monitoring devices. (KI)
- .15 \_\_\_\_\_ Services and returns detector kits to operation.
- .16 \_\_\_\_\_ Replaces expended chemical defense items as required.
- .17 \_\_\_\_\_ MWSS commander adjusts MOPP level as required.
- .18 \_\_\_\_\_ Handles and provides first aid treatment to casualties in a chemical environment.

EVALUATOR INSTRUCTIONS:

1. Site should support the type of activities being conducted and permit the safe use of simulators and devices. Selected personnel are presented decontamination training kits and first aid treatment training devices. Every attempt must be made to provide a realistic situation through devices, scenarios, acting or other aids.
2. Precautionary measures should be considered when evaluating standard five; e.g., black flag conditions may warrant the exclusion of the evaluation of this standard.

KEY INDICATORS:

UNMASKING PROCEDURES

Unmasking when a detector kit is available:

1. Use the detector at different points in the perimeter to determine the presence of chemical agents.
2. If no agent is detected the senior Marine present will designate two or three individuals to unmask for 5 minutes and then remask for 10 minutes. This is to be done in the shade.
3. If no symptoms appear, remainder of unit may unmask, however, they remain alert for symptoms.

When no detector kit is available, the following unmasking procedures will be adhered to:

1. Two or three Marines take a deep breath, hold it, keep their eyes open, break the seal on their masks, and keep the seal open for 15 seconds.
2. Then they reseal, clear their masks, check the Marines for symptoms, and wait 10 minutes in the shade.
3. If no symptoms appear, the same Marines break the seal of their masks, take two or three deep breaths, clear and reseal their masks.
4. If after 10 minutes no symptoms have appeared, the same Marines unmask for 5 minutes and then remask.
5. If after 10 more minutes no symptoms have appeared, the rest of the unit may unmask; however, they remain alert for symptoms.

NOTE: After each unmasking, always notify higher headquarters.

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ENCLOSURE (1)

TASK: 13C.2.9 PERFORM BASIC SKILLS DECONTAMINATION

CONDITION(S): MWSS personnel and equipment have been contaminated by an enemy chemical agent.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Decontaminates skin, individual weapon, and equipment using appropriate decontamination kit and apparatuses.
- .2 \_\_\_\_\_ Determines extent of decontamination and establishes decontamination priorities.
- .3 \_\_\_\_\_ Removes, decontaminates, or discards contaminated protective covers.
- .4 \_\_\_\_\_ Decontaminates unit equipment and vehicles using appropriate expedient devices.
- .5 \_\_\_\_\_ Determines adequacy of decontamination:

If inadequate:

- a. Procedures are repeated.
- b. Decontamination support is requested.
- c. Risk of using equipment is accepted.

Contaminated materials are discarded according to the tactical SOP, marked as contaminated, and their location is provided to higher headquarters.

- .6 \_\_\_\_\_ Actions are taken to control the transfer of contamination.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

DECONTAMINATION PROCEDURES

Initial decontamination of unit equipment, vehicles, and crew served weapons may be accomplished by:

ENCLOSURE (1)

1. Removing all gross liquid contamination with sticks or other improvised devices, which are buried after use.
2. Using M11 portable decontamination apparatuses filled with DS2 to spray areas frequently used or touched. Water must be used to simulate DS2 in training exercises.
3. Using M13 decontamination apparatuses - portable.

Contaminated items that may need special decontamination treatment are:

1. POL, food, water containers and munitions should be washed with soapy water, rinsed, and thoroughly air dried.
2. Communications equipment, radar, and other electronic equipment should be decontaminated with hot air or by weathering, or all metal parts are wiped with rags soaked with DS2 (water is used for training purposes).
3. Optical instruments should be blotted with rags and then wiped with lens cleaning solution or organic solvent.
4. Vehicles, engine compartments, etc. can be decontaminated utilizing dodecane (diesel component).

Adequacy of decontamination is determined using M256A1 chemical-agent detector kit. If contamination is still present, decontaminate again.

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**TASK: 13C.2.10 CROSS A RADIOLOGICALLY CONTAMINATED AREA**

CONDITION(S): The tactical situation forces personnel to cross a radiologically contaminated area. The MWSS receives a NBC-5 report or contamination overlay or contamination overlay from the ACE G/S-3.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Posts NBC-5 report and/or contamination overlay to situation map and determine route.
- .2 \_\_\_\_\_ Obtains route clearance and approval if necessary.
- .3 \_\_\_\_\_ Provides the reconnaissance element the turn-back dose rate.
- .4 \_\_\_\_\_ Dispatches reconnaissance team to reconnoiter the area.
- .5 \_\_\_\_\_ Crosses suspected contaminated area while employing contamination avoidance techniques.
- .6 \_\_\_\_\_ Avoids exceeding operational exposure guidance.
- .7 \_\_\_\_\_ Determines the degree of personnel and equipment contamination using the AN/VDR-27 after clearing the contaminated area.
- .8 \_\_\_\_\_ Establishes and performs decontamination priorities as required.
- .9 \_\_\_\_\_ Records unit total dose information, using available total dose instruments, and reports to higher command element.

EVALUATOR INSTRUCTIONS: The evaluator will provide the MWSS with turn back and dose rates, if higher command element does not provide it.

KEY INDICATORS:

#### RECONNAISSANCE

Reconnaissance can be performed by dispatching local teams or requesting MP support if it is available in the area of concern.

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TASK: 13C.2.11 COORDINATE FOR HASTY AND DELIBERATE DECONTAMINATION  
OF EQUIPMENT

CONDITION(S): MWSS equipment has been contaminated by an enemy chemical agent. Basic skills decontamination has been accomplished. Time is available for hasty or deliberate decontamination. Decontamination support from a decontamination team is available upon request.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Coordinates with the decontamination team as to time of arrival, supplies, equipment, and personnel support to be furnished by the contaminated unit, and establishes an estimated time of completion.
- .2 \_\_\_\_\_ Requests and receives route clearance to the Personnel Decontamination Station/Equipment Decontamination Station (PDS/EDS) assembly area. Advance party (personnel to augment decontamination operation and establish security) is dispatched to PDS/EDS.
- .3 \_\_\_\_\_ Main body arrive at PDS/EDS assembly area and organizes for processing.
- .4 \_\_\_\_\_ Begins decontamination as scheduled.
- .5 \_\_\_\_\_ Reorganizes in a clean area upwind of any residual contamination.
- .6 \_\_\_\_\_ Adjusts MOPP level as required.
- .7 \_\_\_\_\_ Resumes mission.
- .8 \_\_\_\_\_ Cleans up, marks, and reports decon site as a contaminated area.

EVALUATOR INSTRUCTIONS: None.

ENCLOSURE (1)

MCO 3501.17

KEY INDICATORS:

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**TASK: 13C.2.12 EXCHANGE MOPP GEAR**

CONDITION(S): Personnel are in MOPP 4 and the gear has been contaminated.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Selects uncontaminated ground or provides protection from ground contamination.
- .2 \_\_\_\_\_ Conducts personnel wipedown using "buddy method."
- .3 \_\_\_\_\_ Removes contaminated clothing without transfer of contamination.
- .4 \_\_\_\_\_ Personnel put on new protective clothing using the "buddy system."
- .5 \_\_\_\_\_ Personnel decontaminate, during the exchange, any time contamination is suspected.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

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**TASK: 13C.2.13 PERFORM HASTY EQUIPMENT DECONTAMINATION**

CONDITION(S): Personnel are in MOPP 4 and their equipment has been contaminated. Power driven decontamination equipment is available.

ENCLOSURE (1)

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Removes gross contamination from equipment by hasty washdown.
- .2 \_\_\_\_\_ Checks for decontamination after the equipment washdown is complete.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

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**TASK: 13C.2.14 CONDUCT HASTY DECONTAMINATION**

CONDITION(S): The MWSS is conducting aviation ground support operations. An enemy NBC attack has occurred at the FOB and hasty decontamination is required.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Selects and prepares appropriate site, and decontaminants.
- .2 \_\_\_\_\_ Washes vehicles and equipment.
- .3 \_\_\_\_\_ Operates power driven decontamination equipment (PDDE); e.g., M17 LDS, M12A1 SMDA, to remove gross contamination from equipment.
- .4 \_\_\_\_\_ Checks for additional gross contamination after washdown is complete.

EVALUATOR INSTRUCTIONS: None.

ENCLOSURE (1)

KEY INDICATORS:

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**TASK: 13C.2.15 CONDUCT DELIBERATE DECONTAMINATION**

CONDITION(S): The MWSS is reconstituting following an enemy NBC attack and requires deliberate decontamination.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Selects and prepares appropriate site, and decontaminants.
- .2 \_\_\_\_\_ Decontaminates individual gear at station 1 of detailed personnel decontamination.
- .3 \_\_\_\_\_ Decontaminates overboots and hoods at station 2 of detailed personnel decontamination.
- .4 \_\_\_\_\_ Supervises overgarment removal at station 3 of detailed personnel decontamination.
- .5 \_\_\_\_\_ Supervises overboot and glove removal at station 4 of detailed personnel decontamination.
- .6 \_\_\_\_\_ Monitors personnel at station 5 of detailed personnel decontamination.
- .7 \_\_\_\_\_ Supervises mask removal at station 6 of detailed personnel decontamination.
- .8 \_\_\_\_\_ Decontaminates masks at station 7 of detailed personnel decontamination.
- .9 \_\_\_\_\_ Conducts reissue at station 8 of detailed personnel decontamination.
- .10 \_\_\_\_\_ Checks vehicles and equipment in staging area for gross contamination areas before sending operators to station 1 of detailed personnel decontamination.
- .11 \_\_\_\_\_ Washes equipment at station 1 of detailed equipment decontamination.

ENCLOSURE (1)

- .12 \_\_\_\_\_ Scrubs exterior of vehicles at station 2 of detailed equipment decontamination.
- .13 \_\_\_\_\_ Scrubs interior and monitors equipment at station 3 of detailed equipment decontamination.
- .14 \_\_\_\_\_ Rinses equipment at station 4 of detailed equipment decontamination.
- .15 \_\_\_\_\_ Checks equipment at station 5 of detailed equipment decontamination.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

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TASK: 13C.2.16 CONTINUE THE MISSION WHILE IN MOPP 4

CONDITION(S): The MWSS has suffered an NBC attack and has been ordered to operate in MOPP 4 for the next 4 hours.

STANDARDS: EVAL: Y; N; NE

- .1 \_\_\_\_\_ Performs assigned mission. (KI)
- .2 \_\_\_\_\_ Performs basic body functions; e.g., drink, sleep, personal hygiene, etc.
- .3 \_\_\_\_\_ Takes action to minimize adverse effects of wearing MOPP gear.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: Mission is accomplished.

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ENCLOSURE (1)

